# **AnyWireASLINK Network Monitor Function**

Sample Screen Manual

Mitsubishi Electric Corporation

#### Using the Samples

The sample screen data and files such as the instruction manual can be used upon agreement to the following matters.

- (1) This data is available for use by customers currently using or considering use of Mitsubishi products.
- (2) The intellectual property rights of the files provided by Mitsubishi (hereinafter referred to as the "Files") belong to Mitsubishi.
- (3) Alteration, reproduction, transfer or sales of the Files is prohibited. This does not apply when the content, in part or full, is used for Mitsubishi products incorporated in a device or system created by the customer. Furthermore, this does not apply to the transfer, reproduction, reference or change of layout in the specifications, designs or instruction manuals of built-in products prepared by the customer using Mitsubishi products.
- (4) Mitsubishi will not be held liable for any damages resulting from the use of the Files or the data extracted from the Files. The customer is responsible for all use.
- (5) If any usage conditions are appended to the Files, those conditions must be observed.
- (6) The Files may be deleted or the contents changed without prior notice.
- (7) When using the Files, please always read the corresponding manuals and related manuals indicated therein. Please pay special attention to safety, and correctly handle the product.

### CONTENTS

CONTENTS	3
REVISIONS	5
1. Outline	6
2. SYSTEM CONFIGURATION	6
3. GOT	7
3.1 System Applications That Are Automatically Selected	7
3.2 Controller Setting of Screen Design Software	7
3.3 Ethernet Setting of Screen Design Software	7
4. AnyWireASLINK MASTER MODULE	8
4.1 Start I/O Number of Module	8
5. SCREEN SPECIFICATIONS	8
5.1 Display Language	8
5.2 Screen Transition	
5.3 Explanation of Screens	13
5.3.1 AnyWireASLINK Menu (B-30001)	
5.3.2 AnyWireASLINK System Map (B-30002)	14
5.3.3 Input Signal Monitor (B-30003)	
5.3.4 Output Signal Monitor (B-30004) 5.3.5 Sensor List (B. 20005)	
5.3.6 Detail (Cable [I/O Non-isolated]) (B-30006)	
5.3.7 Detail (Cable [I/O Isolated]) (B-30007)	
5.3.8 Detail (I/O Waterproof Connector) (B-30008)	
5.3.9 Detail (Trans, I/O Waterproof) (B-30009)	21
5.3.10 Detail (Photoelectronic [CAM, CAS]) (B-30010)	
5.3.11 Detail (Proximity Amp) (B-30011)	
5.3.12 Detail (Fibel Amp [CAN, CAS]) (B-30012)	20 28
5.3.14 Detail (Photoelectronic Sensor) (B-30014)	
5.3.15 Detail (Photoelectronic [Rcvr.]) (B-30015)	
5.3.16 Detail (Photoelectronic [LT Src.]) (B-30016)	34
5.3.17 Detail (Proximity Switch) (B-30017)	
5.3.18 Detail (Pressure Sensor) (B-30018)	37
5.3.19 Detail (ASEINKTERNINAE [DIVEL]) (B-30019)	
5.3.21 iQSSBackup (B-30101)	
5.3.22 iQSS Backup Setting (B-30102)	43
5.3.23 iQSS Backup Progress (B-30103)	
5.3.24 iQSS Restoration (B-30104)	
5.3.25 IQSS Restoration Setting (B-30105)	47 ۸8
5.3.27 Alarm Reset (W-30001)	49
5.3.28 Language Setting (W-30002)	
5.3.29 Clock Setting (W-30003)	51
5.3.30 Parameter Access Error (W-30004)	
5.3.31 Data Deletion Check Dialog (W-30100)	
5.3.33 Execution Check Dialog (W-30102)	
5.4. Slove Medule Detail Information Parson Correspondence Table	
3/151 BCN-P599	

5.5 Device List	57
5.6 Comment List	63
5.7 Device Data Transfer List	
5.8 Recipe List	74
5.9 Script List	76
6. TEMPLATES	143
7. OTHERS	144
<ol> <li>OTHERS</li> <li>7.1 User-Defined Name Registration</li> </ol>	144 144
<ul> <li>7. OTHERS</li> <li>7.1 User-Defined Name Registration</li> <li>7.2 Changing System Configuration</li></ul>	
<ul> <li>7. OTHERS</li> <li>7.1 User-Defined Name Registration</li></ul>	
<ul> <li>7. OTHERS</li> <li>7.1 User-Defined Name Registration</li></ul>	

#### REVISIONS

#### Sample Screen Manual

Date	Control No.*	Description
2013/10	BCN-P5999-0119	First edition

\* The Control No. is noted at the lower right of each page.

#### Project Data

Date	Project Data	GT Designer3*	Description
2013/10	AnyWireASLINK_V_Ver1_E.GTX	1.100E	First edition

\* The version number of screen design software used to create the project data is listed. Please use the screen design software with the listed version or later.

#### 1. Outline

This manual explains the sample screens of GOT2000 connected to a MELSEC-Q Series or MELSEC-L Series CPU module via Ethernet. The sample screens can be used to monitor, change, or perform backup/restoration (MELSEC-L Series only) of the status and parameters of the slave modules that are connected to the master module (LJ51AW12AL).

The sample screens were created to connect to a MELSEC-L Series CPU. To connect to a MELSEC-Q Series CPU, it is necessary to modify some of the data. For how to modify the data, please refer to "7.3 Changing CPU". Note that the MELSEC-Q Series CPUs do not support the backup/restoration of slave module parameters.

#### <Precautions>

The backup/restoration of slave module parameters is executed by the iQSS backup restoration (PLC↔sensor) function. In the iQSS backup/restoration (PLC↔sensor) function, the backup/restoration function of the PLC side, which is compatible with the iQSS Sensor Solution, is executed from the GOT. The specifications of the function are different from those of the backup/restoration function of the GOT side.

The backup/restoration function that is compatible with the iQ Sensor Solution is the function to backup parameters of the iQ Sensor Solution compatible sensor to a SD card in the PLC CPU or to restore the data from the SD card.

#### 2. SYSTEM CONFIGURATION



\*1: The SD card is used for the recipe function.

\*2: The battery is used for the backup of the clock data. (The battery is provided with the GOT as standard.)

\*3: For more details about the cable, please refer to the "GOT2000 Series Connection Manual (Mitsubishi Products)".

\*4: The SD card is used for the iQSS backup/restoration (PLC↔sensor) function.

### 3. GOT

### 3.1 System Applications That Are Automatically Selected

Jotom Approvatione matrice Automatically Colocica				
Туре	System application name			
Standard Eurotion	Standard Syster	Standard System Application		
Stanuaru Function	Standard Font		Japanese	
Communication Driver	Ethernet Conne	ction	Ethernet(MELSEC),Q17nNC,CRnD-700,	
Communication Driver	Ethemet Connection		Gateway	
	Standard Font		Chinese (Simplified)	
			Alphanumeric/Kana	
Extended Function	Outline Font	Gothic	Japanese (Kanji)	
			Chinese (Simplified)	
	Device Data Transfer			

# 3.2 Controller Setting of Screen Design Software

**Detail Setting** 

Item	Set value	Remarks
GOT NET No.	1	
GOT Station	2	
GOT Ethernet Setting	Refer to table below	
GOT Communication Port No.	5001	
Retry (Times)	3	
Startup Time (Sec)	3	
Timeout Time (Sec)	3	
Delay Time (ms)	0	

#### **GOT Ethernet Setting**

Item	Set value	Remarks
Reflect GOT Ethernet setting in the GOT	Checked	
GOT IP Address	192.168.3.18	
Subnet Mask	255.255.255.0	
Default Gateway	0.0.0.0	
Peripheral S/W Communication Port No.	5015	
Transparent Port No.	5014	

### 3.3 Ethernet Setting of Screen Design Software

	Host	Net No.	Station	Unit Type	IP Address	Port No.	Communication
1	*	1	1	LCPU	192.168.3.39	5006	UDP

### 4. AnyWireASLINK MASTER MODULE

#### 4.1 Start I/O Number of Module

The module's start I/O number is set to 30H. For more details about changing the start I/O number, please refer to "7.4 Changing Start I/O Number".

### 5. SCREEN SPECIFICATIONS

#### 5.1 Display Language

The language of the text displayed on the screen can be switched between Japanese, English and Chinese (Simplified). The text strings in each language are registered in the columns No. 1 to No. 3 in the comment groups No. 250 and No. 255 as shown below. When the column No. is set in the language switching device, the language corresponding to the column No. will appear.

Column No.	Language
1	English
2	Japanese
3	Chinese (Simplified)

#### 5.2 Screen Transition

#### 5.2.1 Screen transition (common)



(B-30001 Menu and other base screens)

Window screen W-30001: Alarm Reset

#### 5.2.2 Screen transition (individual)







From previous page		×
IQSS Restoration (PLC ->           No.         Date/time         Setting I           1         2013/08/19         10:08         ASLINK4           2         2013/08/19         10:08         ASLINK4           2         2013/08/19         10:08         ASLINK3           3         2013/08/19         10:07         ASLINK3           4         2013/08/19         10:07         ASLINK1           5         2000/00/00         00:00         10           7         2000/00/00         00:00         10           9         2000/00/00         00:00         10           10         2000/00/00         00:00         10           10         2000/00/00         00:00         10           Delete history         Delete history         Testories           Menu         Cass         restores           Base screen B-30         10         10	Sensor)         03/18/2013         08.33           name         Target finition         1/0         1/0         1/0           A         23         03         01-01-00         1/0           A         22         03         01-01-00         1/0           A         22         03         01-01-00         1/0           A         22         03         01-01-00         1/0           A         20         03         03-03-00         1/0           00         00         00-00-00         1/0         1/0           00         00         00-00-00         1/0         1/0           00         00         00-00-00         1/0         1/0           00         00         00-00-00         1/0         1/0           00         00         00-00-00         1/0         1/0           00         00         00-00-00         1/0         1/0           00         00         00-00-00         1/0         1/0           00         00         00-00-00         1/0         1/0           00         00         00-00-00         1/0         1/0           00         000	This will delete the selected iQSS backup history data (including the iQSS restore setting). Do you want to proceed? If you delete the history, please also check the target model and the folder number and delete that is inserted in the programmable controller.
		IOSS Restoration Setting and control is st
IOSS Restoration Progress	S 2013/08/09 10:12	→      ★ Station number     All attachme     to     the     the

Base screen B-30106: iQSS Restoration Progress

#### 5.3 Explanation of Screens 5.3.1 AnyWireASLINK Menu (B-30001)



This is the AnyWireASLINK Network Monitor menu screen.

#### Description

- 1. Switches to the [AnyWireASLINK System Map] screen.
- 2. Switches to the [Input Signal Monitor] screen.
- 3. Switches to the [Output Signal Monitor] screen.
- 4. Switches to the [Sensor List] screen.
- 5. Switches to the [iQSS Backup/Restoration] menu screen of the iQSS backup/restoration (PLC↔Sensor) function.
- 6. Reads parameters of all slave modules that are recognized by the master module. Touch the switch for 1 second.
- 7. Displays the current date and time. Touch the area to open the [Clock Setting] window.
- 8. Opens the [Language Setting] window.

- The device data transfer function is used to read parameters of slave modules. For more details about the device data transfer function, please refer to "5.7 Device Data Transfer List".
- Screens cannot be switched while reading parameters.
- When GOT is started, the iQSS backup target device and the I/O No. are set with the project script. For more details about scripts, please refer to "5.9 Script List".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- · The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

#### 5.3.2 AnyWireASLINK System Map (B-30002)







				7	8
		Sensc	or List	55 : FL EL 05/FL /80	
Г	1	atest er	ror :0		3
L			Res	set	
		ID Type	Status detailed information	User-defined name	
	2	8 Output	Normal	Output module ID: 0	
	- H	2 Output	Normal	Output module ID: 1 Output module ID: 2	
		3 Output	Normal	Output module ID: 3	
		4 Output	Normal	Output module ID: 4	
		14 Output	Normal	Output module ID: 14	
		15 Output	Normal	Output module ID: 15	
		16 Output	Normal	Output module ID: 16 Output module ID: 17	
		18 Output	Normal	Output module ID: 18	
		19 Output	Normal	Output module ID: 19	
		20 Output 21 Output	Normal	Output module ID: 20 Output module ID: 21	
		2 Output	Normal	Output module ID: 22	
[	5	ny₩ireASLI Menu	NK AnyWireASLINK Input Signal Output System Map Monitor Moni	Signal Sensor List Back	6
Out	ine	dienlav	rs the information of slave modules	By touching the line on w	hich the slave
mod	lule infor	rmation	is displayed, the screen switches	to the detail screen of th	e target slave
mod	lule.				e la get ela te
Des	cription				
1. 2.	Displays error co Displays user-de which the module.	s the od de. If m s the in fined na he infor	ccurring alarm, or the error code an nultiple alarms or errors occur, the la nformation of slave modules. The l ame of the recognized slave modul rmation is displayed, the screen sy	d the descriptions that corr test error code will appear. D, type, status detailed inf le are displayed. By touchi vitches to the detail scree	respond to the formation, and ng the line on n of the slave
3. 4.	Resets a Scrolls	alarms the sla s.	and errors. When reset is performer ve module information up and dow	d, the latest error becomes vn. The screen display ch	0. anges per 15
5. 6.	Switche selecting Switche	es to ea g this s es to the	ach screen. The blue switch indica witch will not switch the screen. e previously opened screen.	tes the currently displayed	screen, thus
7. 8.	Displays Opens t	s the cu he [Lar	irrent date and time. Touch the areanguage Setting] window.	a to open the [Clock Setting	] window.
Ren	narks		to porall the player module information	on Formore details should	porinte places
• S	onpts are	used 9 Scrin	to scion the slave module information	In FOI more details about	scripts, piease
• T th G • T di di th • T • T	erer to "5 he user-( at the u OT com he numb fference ata trans he device he curren a syster	.9 Scrip defined sers wa ments. ber of a arises fer fund e data tr ntly ope m alarm	name displays the information (inst name display arbitrarily. To display For more details, please refer to "7. alarms and errors are monitored ev in the number of cases, the latest ction. For more details about scripts ransfer function, please refer to "5.7 en window closes when the screen i n occurs, the alarm message will ap	allation location of the slave the information, register of 1 User-Defined Name Regi ery second with the project parameters will be read w s, please refer to "5.9 Scrip Device Data Transfer List" s switched.	e module, etc.) ontents to the istration". ct script. If the <i>i</i> th the device t List", and for screen. Touch
th	e alarm	messa	ge to open the [Alarm Reset] window	Ν.	

#### 5.3.6 Detail (Cable [I/O Non-isolated]) (B-30006)

		12	13	
Module Detail		15:31 EI 05/FI / RU	25 💽	
User-defined name	Output module ID: 0		5	
Status			6	
1D : 456	Detail : Slave modu	le hardware error be external newer supply may		
Model : B281SB-02U-CC20	Remedy : Voltage of t	ent. Check the following.	<b></b>	
I/O : Input 456 Points	1. Adjust th supply to	he voltage of the external power the rated voltage		
2 ON/OFF:			7	
3 Device parameter				
Mode change : Disconnect/short	undetected			
			8	
		Write Rea	d 9	
AnyWireASLINK AnyWireASLINK IN	put Signal Output Sig	gnal Sensor List Ba		
1 Menu System Map	Monitor Monito		11	
Outline				
This screen displays and sets the	e detail informatio	on of the cable cor	nection type (I/O	
non-isolated) slave module.				
Description				
1. Displays ID, model, series, I/O ty 2. Displays the image of the slave r	pe, and the numbe	er of I/O points of the s	slave module.	
3. Displays the I/O status.	noudie.			
4. Displays and changes parameter	s of the slave mod	dule.		
5. Displays the user-defined name.	r the error code a	and remedy. If multiple	e alarms or errors	
occur, the latest error contents w	ill appear.			
7. Scrolls the remedy display.				
8. Writes the parameters change	d in 4 to the sla cally starts	ave module. After wi	riting, the reading	
9. Reads parameters of the slave m	nodule.			
10. Switches to each screen.				
11. Switches to the previously opene	ed screen.	to open the ICleak Sc	string window	
13. Opens the [Language Setting] wi	ndow.		etting] window.	
Remarks				
If parameters are changed while the	he system is runn	ing, the action of the	slave module mav	
change. Be sure to confirm safety to	pefore execution.	J, Leach of alo		
The user-defined name displays the	e information (insta	allation location of the	slave module, etc.)	
that the users want to display arbitrarily. To display the information, register contents to the				
• The number of alarms and errors	are monitored ev	ery second with the p	project script. If the	
difference arises in the number of	cases, the latest	parameters will be re	ad with the device	
data transfer function. For more de	tails about scripts	, please refer to "5.9 S	Script List", and for	

- The currently open window closes when the screen is switched.
  If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

# 5.3.7 Detail (Cable [I/O Isolated]) (B-30007)

			11	12		
	Module Detail		03/ IS			
	User-defined name	Output module ID: 0				
	Status			5		
		Detail : Slave mo	dule hardware error			
	Series : ASLINKER	Beniedy be insuffi	cient. Check the following.			
	I/O : Input 456 Points	T. Adjust supply	the voltage of the external power to the rated voltage	6		
2	ON/OFF:					
3						
	Device parameter					
			Write Read			
	AnyWireASLINK AnyWireASLINK Menu System Map	Input Signal Output Signal	Signal Sensor List Ba	ck _		
9				1		
Outline						
This scre	een displays the detail info	ormation of the ca	ble connection type (I/	O isolated) slave		
module.				,		
Descripti	on					
1. Disp	blays ID, model, series, I/O	type, and the numb	er of I/O points of the sla	ave module.		
2. Disp	plays the image of the slave	module.				
4. Disp	plays the user-defined name	Э.				
5. Disp	plays the occurring alarm,	or the error code	and remedy. If multiple	alarms or errors		
OCCL	ur, the latest error contents y	will appear.				
7. This	s switch does not work beca	use there are no pa	arameters to write.			
8. This	8. This switch does not work because there are no parameters to read.					
9. Swit	ches to each screen. tches to the previously oper	ned screen				
11. Disp	11. Displays the current date and time. Touch the area to open the [Clock Setting] window.					
12. Ope	12. Opens the [Language Setting] window.					
Domorko	<b>`</b>					
• The us	ser-defined name displays t	he information (inst	allation location of the sl	ave module, etc.)		
that th	ne users want to display ar	bitrarily. To display	the information, registe	er contents to the		
GOT o	comments. For more details	, please refer to "7.	1 User-Defined Name R	Registration".		
differe	nce arises in the number of	of cases, the latest	parameters will be read	d with the device		
data tr	ansfer function. For more of	details about script	s, please refer to "5.9 So	cript List", and for		
the de	vice data transfer function,	please refer to "5.7	Device Data Transfer Li	ist".		
<ul> <li>Ine CL</li> <li>If a sv</li> </ul>	stem alarm occurs, the ala	s when the screen i	is switched. opear at the bottom of th	ne screen. Touch		
the ala	arm message to open the [A	Alarm Reset] windo	W.			

#### . .

5.3.8 Detail (I/O Waterproof Connector) (B-3	J008)
	1213
Module Detail	5
User-defined name Outp	it module ID: 0
1 Status	6
10 : 456 Detail Model : B281SB-02U-CC20 Reme	Slave module haroware error     Voltage of the external power supply may     Voltage of the external power supply may
Series : ASLINKER	be insufficient. Check the rollowing.
1/O : Input 456 Points	supply to the rated voltage
3	
Device parameter	
	8
	Write Read
AnyWireASLINK AnyWireASLINK Input Sign	al Output Signal Server List
Menu System Map Monitor	Monitor Sensor List Back 11
Outline	
This screen displays and sets the detail inform	nation of the I/O waterproof connector connection
type slave module.	
Description	
1. Displays ID, model, series, I/O type, and t	he number of I/O points of the slave module.
2. Displays the image of the slave module.	
4. Displays and changes parameters of the s	slave module.
5. Displays the user-defined name.	
6. Displays the occurring alarm, or the error	or code and remedy. If multiple alarms or errors
7. Scrolls the remedy display.	
8. Writes the parameters changed in 4 t	o the slave module. After writing, the reading
9 Parameters processing automatically stand 9 Reads parameters of the slave module	S.
10. Switches to each screen.	
11. Switches to the previously opened screen	
12. Displays the current date and time. Louch 13. Opens the II anguage Setting window	the area to open the [Clock Setting] window.
Domerko	
If parameters are changed while the system	m is running the action of the slave module may
change. Be sure to confirm safety before ex	ecution.
• The user-defined name displays the informa	tion (installation location of the slave module, etc.)
GOT comments. For more details, please re	o display the information, register contents to the fer to "7.1 User-Defined Name Registration".

· The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".

- The currently open window closes when the screen is switched.
- · If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

#### 13 12 Module Detail 037 ID720 IB - IS: 30 🥯 5 User-defined name Output module ID: 0 Status 6 1 ID : 456 Detail : Slave module hardware error : Voltage of the external power supply may be insufficient. Check the following. Model : B281SB-02U-CC20 Remedy . Series : ASLINKER 7 1. Adjust the voltage of the external power supply to the rated voltage . I/O : Input 456 Points 2 ON/OFF: 3 Device parameter Mode change Disconnect/short undetected 4 8 Write Read 9 AnyWireASLINK Menu AnyWireASLINK System Map Input Signal Output Signal Sensor List Back Monitor Monitor 11 1 Outline This screen displays the detail information of the transfer, I/O waterproof connector connection type slave module. Description 1. Displays ID, model, series, I/O type, and the number of I/O points of the slave module. Displays the image of the slave module. 2. Displays the I/O status. 3. 4. Displays and changes parameters of the slave module. Displays the user-defined name. 5. Displays the occurring alarm, or the error code and remedy. If multiple alarms or errors 6. occur, the latest error contents will appear. 7. Scrolls the remedy display. Writes the parameters changed in 4 to the slave module. After writing, the reading 8. parameters processing automatically starts. 9. Reads parameters of the slave module. 10. Switches to each screen. 11. Switches to the previously opened screen. 12. Displays the current date and time. Touch the area to open the [Clock Setting] window. 13. Opens the [Language Setting] window. Remarks • If parameters are changed while the system is running, the action of the slave module may change. Be sure to confirm safety before execution. • The user-defined name displays the information (installation location of the slave module, etc.) that the users want to display arbitrarily. To display the information, register contents to the GOT comments. For more details, please refer to "7.1 User-Defined Name Registration".. • The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List". The currently open window closes when the screen is switched. • If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

#### 5.3.9 Detail (Trans, I/O Waterproof) (B-30009)

# 5.3.10 Detail (Photoelectronic [CAM, CAS]) (B-30010)

				13	14	
	Module Detail			EI 057FI 760	3 15:30	
	User-defined name	Output	module ID: 0		5	
	Status				6	
	Model : B281SB-02U-CC20	Remed	: Slave module hard y : Voltage of the exte	ware error ernal power supply may		
	Series : ASLINKAMP		<ul> <li>be insufficient. On</li> <li>1. Adjust the volta</li> </ul>	еск the tollowing. ge of the external pow	er 7	
2	I/O : Input 456 Poin	ts Eangin	supply to the ra	ited voltage		
				-	8	
3				Current : 456		
	Device parameter	8	Light/Dark ON switch	Dark ON(Ser	arate tyrne)	
4	Hysteresis : 45	6	Mode change	: Simple n	node	
	Alarm judgment (Hi) : 450	6	Sensor type change	Sensor ty	ype A	
	Time of alarm : 450	6			9	
			_	Write	Read 1	
	AnutérireASLINK AnutérireASLIN	ik Input Signa	Output Signal			
11-	Menu System Map	Monitor	Monitor	Sensor List	Back 1	
Outline	an displays and sets	e the detai	information	about the	slave module of the	
photoelectr	onic amplifier module.		mormation			
•	·					
Description	vs ID model series 1/1	O type, and t	be number of	1/O points of	the slave module	
2. Display	ys the I/O status.	o type, and				
3. Display	ys the image of the sla	ve module.				
4. Display	ys and changes param	eters of the a	slave module.			
6. Display	vs the occurring alarm	n, or the err	or code and	remedy. If m	ultiple alarms or errors	
occur,	the latest error content	s will appea	r.	,	•	
7. Scrolls	the remedy display.	the consing	lovel with a n	imprical displ	av and a level	
9. Writes	the parameters char	nged in 4 t	the slave	module. Afte	er writing, the reading	
paramo	eters processing auton	natically star	ts.			
10. Reads	10. Reads parameters of the slave module.					
12. Switch	es to the previously op	ened screer	1.			
13. Display	ys the current date and	l time. Touch	n the area to o	pen the [Cloc	k Setting] window.	
14. Opens	the [Language Setting	] window.				

- If parameters are changed while the system is running, the action of the slave module may change. Be sure to confirm safety before execution.
- Object scripts are set for the numerical displays of the level for "Sensing level", "Threshold", "Alarm judgment (Hi)", and "Alarm judgment (Lo)". For more details about scripts, please refer to "5.9 Script List".
- The user-defined name displays the information (installation location of the slave module, etc.) that the users want to display arbitrarily. To display the information, register contents to the GOT comments. For more details, please refer to "7.1 User-Defined Name Registration".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

J.J. I		Detail (Proximi	цу Апір) (Б-	50011)				
						13		14
		Module Deta	ail			1 05/11/20	3 15:31	5
		User-defined nam	e	Output m	odule ID: 0			3
		Status						6
		ID : 456 Model : B281SB-02U	-CC20	Detail Remedy	: Slave module hardv : Voltage of the exte	rnal power supply ma	w 💽	
		Series : ASLINKAMP			be insufficient. One 1. Adjust the voltag	ck the following. ie of the external pov	ver	7
		I/O : Input	456 Points	Papaing k	supply to the rat	ed voltage		
				Sensing R	294e) : C			8
	3				o	urrent : 456		
		Device parameter	, • <i>1</i> 55		Mode channe	Simple	mode	
		Hysteresis	• 456 • 456		Sensor type change	: Sensor	type A	
	4	Alarm judgment (Hi)	: 456		Interference Eliminat	ed : Norma (Inter	al mode	
		Time of alarm	: 456 : 456					9
		Normally Open/	Normally O	pen		Write	Read	
		Apytěřire ASLINK Apytě		t Signal	Output Signal			
	11-	Menu Sys	tem Map Mc	onitor	Monitor	Sensor List	Back	<b>L</b> 1
Out	line		ata tha dat	a:1 :fa	maation alaa	the star		
ami	olifier mo	n displays and : odule			mation abo	ut the slave	module	or the proximit
•I								
Des	scription							
1. 2	Display	/s ID, model, sei /s the I/O status	ries, I/O type	e, and t	ne number o	it I/O points	of the siav	ve module.
3.	Display	s the image of t	he slave mo	dule.				
4.	Display	vs and changes	parameters	of the s	slave module	<b>.</b>		
5. 6	Display	s the user-defin	ed name.	ha arr	or code and	remedy If	multinle a	alarme or error
0.	occur, 1	the latest error of	ontents will a	appear		remedy. II		
7.	Scrolls	the remedy disp	olay.					
8. 0	Display	s the current va	lue of the se	ensing	level with a r	umerical dis	splay and	a level.
9.	parame	eters processing	automatical	llv starl	o the slave	module. A	aler writin	ig, the reading
10.	Reads	parameters of th	ne slave mod	dule.				
11.	Switch	es to each scree	en.					
12. 13	Switch	es to the previou	isly opened : ite and time	Screen	The area to	onen the ICI	ock Sattir	al window
14.	Opens	the [Language \$	Setting] wind	low.				ig] window.

- If parameters are changed while the system is running, the action of the slave module may change. Be sure to confirm safety before execution.
- Object scripts are set for the numerical displays of the level for "Sensing level", "Threshold", "Alarm judgment (Hi)", and "Alarm judgment (Lo)". For more details about scripts, please refer to "5.9 Script List".
- The user-defined name displays the information (installation location of the slave module, etc.) that the users want to display arbitrarily. To display the information, register contents to the GOT comments. For more details, please refer to "7.1 User-Defined Name Registration".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.



5.3.12 Detail (Fiber Amp [CAM, CAS]) (B-30012)

- If parameters are changed while the system is running, the action of the slave module may change. Be sure to confirm safety before execution.
- Object scripts are set for the numerical displays of the level for "Sensing level", "Threshold", "Alarm judgment (Hi)", and "Alarm judgment (Lo)". For more details about scripts, please refer to "5.9 Script List".
- The user-defined name displays the information (installation location of the slave module, etc.) that the users want to display arbitrarily. To display the information, register contents to the GOT comments. For more details, please refer to "7.1 User-Defined Name Registration".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

			13	14
	Module Detail		נו סכירו 190	15: 33 S
	User-defined name	Output module ID: 0		
	Status	Detail Slave mov	lule bardware error	6
	Model : B281SB-02U-CC20	Remedy : Voltage o be insuffi	f the external power supply may sient. Check the following.	
	Series : ASLINKAMP	1. Adjust	the voltage of the external power	
2	ON/OFF:	Sensing level :		
3			Current : 456	8
0	Device parameter			
4	Threshold: OFF->ON : 456	Light/Dark	ON switch : Dark ON	
	Alarm value: OFF -> ON : 456	Sensor mo	de : Normai mo	ode
	Alarm value: ON -> OFF : 456			9
			Write	Bead 1
		Inout Signal Output 9	Napol	
11-	AnyWireASLINK AnyWireASLINK Menu System Map	Monitor Monit	or Sensor List	Back 1
Outline				
This screer	displays and sets the	detail information	about the slave	module of the cylinder
switch.				···· <b>·</b> , ···
Description				
1. Display	/s ID, model, series, I/O t	type, and the num	ber of I/O points of	the slave module.
2. Display	/s the image of the slave	module.		
<ol> <li>Display</li> <li>Display</li> </ol>	s and changes parameter	ers of the slave mo	odule.	
5. Display	/s the user-defined name	). 	and mensely lf as	
<ol> <li>Display occur.</li> </ol>	the latest error contents v	or the error code will appear.	and remedy. If m	ultiple alarms or errors
7. Scrolls	the remedy display.			
<ol> <li>Display</li> <li>Writes</li> </ol>	is the current value of the	e sensing level wit	h a numerical disp ave module After	lay and a level.
parame	eters processing automat	tically starts.		whiling, the rotaining
10. Reads	parameters of the slave	module.		
12. Switch	es to the previously oper	ned screen.		
13. Display	s the current date and tin	me. Touch the are	a to open the [Cloo	ck Setting] window.
14. Opens		window.		

- If parameters are changed while the system is running, the action of the module may change. Be sure to confirm safety before execution.
- Object scripts are set for the numerical displays of the level for "Sensing level", "Threshold: OFF->ON", and "Threshold: ON->OFF". For more details about scripts, please refer to "5.9 Script List".
- The user-defined name displays the information (installation location of the slave module, etc.) that the users want to display arbitrarily. To display the information, register contents to the GOT comments. For more details, please refer to "7.1 User-Defined Name Registration".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

		, (= •	,					
_				13	14			
	Module Detail			נו 22/רו 120 iS	30			
	User-defined name	Output mo	dule ID: 0					
	Status				6			
	ID : 456	Detail	: Slave module hardw	are error				
	Model : B281SB-02U-CC20	Remedy	be insufficient. Chec	ck the following.				
	I/O : Input 456 Points	-	<ol> <li>Adjust the voltage supply to the rate</li> </ol>	e of the external power ed voltage				
2		Sensing lev	vel : O	100	8			
			C	urrent : 456				
3								
	Threshold : 456		Mode change	: Simple mode				
4	Hysteresis : 456		Light-receiving mode	Normal mode				
	Alarm judgment (Hi) : 456		change					
	Time of alarm : 456		change	Normai mode	9			
	Light/Dark ON switch : Dark ON	1		Write Rea	ad 1			
		4 Cianal	Outraint Circural					
11	AnyWireASLINK AnyWireASLINK IIIPu Menu System Map M(	onitor	Monitor	Sensor List Ba	ack _ 1			
Outline	diaplaya and acta the d	otoil in	formation a	haut the alove	modulo of the			
photoelectroni	ic sensor.		ionnation a	bout the slave				
P								
Description								
1. Displays I	ID, model, series, I/O type, a	and the i	number of I/C	D points of the sl	ave module.			
3. Displays t	the I/O status.	IC.						
4. Displays a	and changes parameters of	the slav	e module.					
5. Displays t	the user-defined name.							
6. Displays the occurring alarm, or the error code and remedy. If multiple alarms or errors								
occur, the latest error contents will appear.								
8. Displays the current value of the sensing level with a numerical display and a level.								
9. Writes the parameters changed in 4 to the slave module. After writing, the reading								
paramete	parameters processing automatically starts.							
11 Switches	to each screen	<del>с</del> .						
12. Switches	to the previously opened sci	reen.						
13. Displays t	the current date and time. To	ouch the	e area to ope	n the [Clock Set	ting] window.			
14. Opens the	e [Language Setting] windov	V.						
<ol> <li>Displays the occurring alarm, or the error code and remedy. If multiple alarms or errors occur, the latest error contents will appear.</li> <li>Scrolls the remedy display.</li> <li>Displays the current value of the sensing level with a numerical display and a level.</li> <li>Writes the parameters changed in 4 to the slave module. After writing, the reading parameters processing automatically starts.</li> <li>Reads parameters of the slave module.</li> <li>Switches to each screen.</li> <li>Switches to the previously opened screen.</li> <li>Displays the current date and time. Touch the area to open the [Clock Setting] window.</li> <li>Opens the [Language Setting] window.</li> </ol>								

### 5.3.14 Detail (Photoelectronic Sensor) (B-30014)

- If parameters are changed while the system is running, the action of the module may change. Be sure to confirm safety before execution.
- Object scripts are set for the numerical displays of the level for "Sensing level", "Threshold", "Alarm judgment (Hi)", and "Alarm judgment (Lo)". For more details about scripts, please refer to "5.9 Script List".
- The user-defined name displays the information (installation location of the slave module, etc.) that the users want to display arbitrarily. To display the information, register contents to the GOT comments. For more details, please refer to "7.1 User-Defined Name Registration".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.



#### 5.3.15 Detail (Photoelectronic [Rcvr.]) (B-30015)

- If parameters are changed while the system is running, the action of the module may change. Be sure to confirm safety before execution.
- Object scripts are set for the numerical displays of the level for "Sensing level", "Threshold", "Alarm judgment (Hi)", and "Alarm judgment (Lo)". For more details about scripts, please refer to "5.9 Script List".
- The user-defined name displays the information (installation location of the slave module, etc.) that the users want to display arbitrarily. To display the information, register contents to the GOT comments. For more details, please refer to "7.1 User-Defined Name Registration".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.



#### 5.3.16 Detail (Photoelectronic [LT Src.]) (B-30016)

	[	13	14			
Module Detail		ت 15: 35 E				
User-defined name	Output module ID: 0		5			
Status						
ID : 456	Detail : Slave module hardwar	e error	6			
1 Model : B2815B-02U-CC20	Remedy : Voltage of the externation be insufficient. Check	al power supply may the following.				
Series : ASLINKSENSOR	1. Adjust the voltage supply to the rated	of the external power voltage	7			
2ON/OFF:	Sensing level : 0	100				
		apt : 4EC	8			
3 Device conversion	Curr	ent : 456				
Threshold : 456	Light/Dark ON switch	: Dark ON				
4 Hysteresis : 456	Sensor mode	: Normal mode				
Alarm judgment (H) : 456						
Time of alarm : 456			9			
		Write Read				
		Millo Houd				
11 AnyWireASLINK AnyWireASLINK Ir Menu System Map	iput Signal Output Signal S Monitor Monitor S	ensor List Back	1			
Outline						
This screen displays and sets the d	etail information about	the slave module of the	proximity			
Switch.						
Description						
1. Displays ID, model, series, I/O ty	pe, and the number of I/	O points of the slave mod	dule.			
<ol> <li>Displays the image of the slave r</li> <li>Displays the I/O status</li> </ol>	nodule.					
4. Displays and changes parameter	s of the slave module.					
5. Displays the user-defined name.						
6. Displays the occurring alarm, o	the error code and re	medy. If multiple alarms	or errors			
7 Scrolls the remedy display	in appear.					
8. Displays the current value of the	sensing level with a nun	nerical display and a leve	el.			
9. Writes the parameters changed in 4 to the slave module. After writing, the reading						
parameters processing automatic	parameters processing automatically starts.					
11 Switches to each screen	iouule.					
12. Switches to the previously opene	d screen.					
13. Displays the current date and tim	e. Touch the area to op	en the [Clock Setting] wir	ndow.			
14. Opens the [Language Setting] wi	ndow.					

- If parameters are changed while the system is running, the action of the module may change. Be sure to confirm safety before execution.
- Object scripts are set for the numerical displays of the level for "Sensing level", "Threshold", "Alarm judgment (Hi)", and "Alarm judgment (Lo)". For more details about scripts, please refer to "5.9 Script List".
- The user-defined name displays the information (installation location of the slave module, etc.) that the users want to display arbitrarily. To display the information, register contents to the GOT comments. For more details, please refer to "7.1 User-Defined Name Registration".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.


- If parameters are changed while the system is running, the action of the module may change. Be sure to confirm safety before execution.
- Object scripts are set for the numerical displays of the level for "Sensing level", "Threshold: OFF->ON", and "Threshold: ON->OFF". For more details about scripts, please refer to "5.9 Script List".
- The user-defined name displays the information (installation location of the slave module, etc.) that the users want to display arbitrarily. To display the information, register contents to the GOT comments. For more details, please refer to "7.1 User-Defined Name Registration".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

5.3.19 Detail (ASLINKTERMINAL [Driver]) (B-30019)

		11	12
Module Detail		15:31 EI 05/FI / 150	
User-defined name	Output module ID: 0		4
Status			5
1 ID : 456	Detail : Slave modu	le hardware error	
Model : B281SB-02U-CC20 Series : ASI INKER	Remedy : voltage of be insufficit	ent. Check the following.	
I/O : Input 456 Points	1. Adjust ti supply to	he voltage of the external power to the rated voltage	0
2ON/OFF:			
Device parameter			
			7
		Write Read	8
AnyWireASLINK AnyWireASLINK Monu System Map	Input Signal Output Si	gnal Sensor List Back	
	Monitor Monito	n	1
Outline			
This screen displays the detail inform	mation about the sla	we module of the ASLIN	IKTERMINAL
(driver module).			
Description			
1. Displays ID, model, series, I/O ty	pe, and the number	of I/O points of the slave	module.
<ol> <li>Displays the image of the slave r</li> <li>Displays the I/O status</li> </ol>	nodule.		
4. Displays the user-defined name.			
5. Displays the occurring alarm, o	r the error code and	d remedy. If multiple ala	rms or errors
6. Scrolls the remedy display.			
7. This switch does not work becau	se there are no para	meters to write.	
<ol> <li>I his switch does not work becau</li> <li>Switches to each screen.</li> </ol>	se there are no para	meters to read.	
10. Switches to the previously opene	ed screen.		
11. Displays the current date and tim	ie. Touch the area to	open the [Clock Setting]	window.
Remarks			
The user-defined name displays the	e information (installa	ation location of the slave	module, etc.)
that the users want to display arb	itrarily. To display the	e information, register co	ontents to the
• The number of alarms and errors	are monitored every	second with the project	t script. If the
difference arises in the number of	cases, the latest pa	rameters will be read wi	ith the device
data transfer function. For more de	etails about scripts, p lease refer to "5 7 De	lease reter to "5.9 Script	List", and for
The currently open window closes	when the screen is s	witched.	
If a system alarm occurs, the alarm	n message will appe	ar at the bottom of the s	creen. Touch
<ul> <li>If a system alarm occurs, the alarr the alarm message to open the [Ala</li> </ul>	n message will appe arm Reset] window.	ear at the bottom of the s	creen. Touch

39/151



			,		9	]	10				
	iQSS	5 Backup (Se	nsor -	> PLC)		097 IT720 IB IB: 5:					
	No	Setting name	Target	Execution unit	ID	1/0					
1			model			10	3				
				AITIDS	000						
	3				000						
	4	ASE INK2	A	ID	OUT 014	03					
	5				000	00					
					000	00					
		ASLINK3	A	ID	IN 014	03					
	8				000	00					
	9				000	00					
	10	ASLINK4	A	ID	IN 015	03					
							4				
	Delet	te setting		E	bit setting	Execute	5				
	iQS	S iQSS	jQ	ISS		Bac					
e	6 Mer	u backup	resto	pration							
						- 1					
Out	ine										
This	s screen is	used to exetute	the iQS	S backup acco his screen is a	ording to th	e parameters	of the iQSS				
bac	kup setting.				130 0300 10						
Des	cription										
1.	touching a	ie iQSS backup s iQSS backup se	etting 1 etting, a	U cases at a tin	ne, up to 10 rs and the	touched line b	ecomes the				
	selected state.										
2.	Deletes the	e iQSS backup se	tting in t	the selected sta	ate.						
3. 4.	Switches to	b the [iQSS Backu	ip Progr	ress] screen an	d exetutes	the iQSS back	up according				
	to the para	meters of the iQS	S back	up setting in th	e selected	state simultane	ously. When				
	the switch	is touched, if the	e iQSS	backup setting	g in the se	elected state ha	as not been				
5.	Switches to	the [iQSS Backu	ip Settir	ng] screen.							
6.	Switches to	o each screen. Th	ne blue	switch indicate	es the curre	ntly displayed	screen, thus				
	Shows unu	ised switches for l	switch t	ne screen. reen switching.							
7.	Switches to	the previously o	pened s	screen.			<ol> <li>Shows unused switches for base screen switching.</li> <li>Switches to the previously opened screen.</li> </ol>				
7. 8.			d time. '	Touch the area	to open the	e [Clock Setting					
7. 8. 9.	Displays the	e current date an	al winda	אור	•		g] window.				
7. 8. 9. 10.	Displays th Opens the	e current date an [Language Settin	g] windo	OW.	·		] window.				
7. 8. 9. 10.	Displays th Opens the	e current date an [Language Settin	g] windo	DW.			] window.				
7. 8. 9. 10.	Displays th Opens the	e current date an [Language Settin	g] windo	DW.			] window.				
7. 8. 9. 10.	Displays th Opens the	e current date an [Language Settin	g] windo	DW.			] window.				
7. 8. 9. 10.	Displays th Opens the	e current date an [Language Settin	g] windo	ow.			] window.				
7. 8. 9. 10.	Displays th Opens the	e current date an	g] windo	ow.			] window.				
7. 8. 9. 10.	Displays th Opens the	e current date an [Language Settin	g] windo	ow.			] window.				

# 5.3.21 iQSSBackup (B-30101)

- The iQSS backup history can be saved up to 100 cases. When executing the 101th case of the backup, a message appears to inform that the oldest data will be overwritten.
- The delete operation deletes the iQSS backup setting that is saved in a recipe file. For more details about the recipe function, please refer to "5.8 Recipe List".
- Object scripts are set for word lamps of the "Execusion unit". For more details about scripts, please refer to "5.9 Script List".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

# 5.3.22 iQSS Backup Setting (B-30102)

Setting name		ASLINK5			/
Target model		AnyWireASLINK			
	Station number	Al IDs	ID		Б
Execution unit	Module type	Output	Input/compine	đ	
Folder number		Automatic			
vo		3			
Error time action setting		Continue	Stop		

#### Outline

This screen registers the iQSS backup setting.

#### Description

- 1. Displays the registration number.
- 2. Enters the name of the iQSS backup setting.
- 3. Displays the type of the network module connected to the iQSS backup target device.
- 4. Specifies the iQSS backup target.
  - All IDs: All iQSS compatible sensors
  - ID: iQSS compatible sensor of the specified ID
  - Output, Input/combined: Module type of the specified iQSS compatible sensor
- 5. The setting is made to automatically assign a folder number, which is the name of the destination folder to store the iQSS backup data. The number from 0 to 99 is automatically assigned to the folder number.
- 6. Enters the number that is calculated by dividing the I/O No. of the network module connected to the iQSS backup target device by 16.
- 7. Secifies the action at the occurrence of an error when executing the iQSS backup.
  - Continue: Continues the processing even if the backup of some devices fails while executing the backup of multiple iQSS compatible sensors.

Stop: Stops the processing if the backup of some devices fails while executing the backup of multiple iQSS compatible sensors.

- 8. Switches to the previously opened screen.
- 9. Saves the setting contents. The completion dialog is displayed when saving is completed. An error dialog is displayed if the setting contents are insufficient or inappropriate.
- 10. Displays the current date and time. Touch the area to open the [Clock Setting] window.
- 11. Opens the [Language Setting] window.

- Screen scripts and the recipe function are used to register the iQSS backup setting. For more details about scripts, please refer to "5.9 Script List", and for the recipe function, please refer to "5.8 Recipe List".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

# 5.3.23 iQSS Backup Progress (B-30103)

iQSS Backup Progress	9
Backup target	
Setting name	ASLINKS
Execution unit	ID
Target	14
device	Input/combined
/O	3
Backup processing	
Start date/time	2013/08/19 10:12
Progress	100%
Total number of target devices	1 5
Backup succeeded	1 6
Backup failed	0
1 iQSS Menu	Backup suspended 7
Outline	

### Description

- 1. Switches to the [iQSS Menu] screen. The switch is hidden while executing the iQSS backup and is displayed after the iQSS backup is completed.
- 2. Displays the iQSS backup setting.
- 3. Displays the date and time that the iQSS backup was started.
- 4. Displays the progress of the backup for a single iQSS backup target device with "%" and a bar graph. When the backup for a single iQSS backup target device is completed, "100%" is displayed and the color of the bar graph is changed from black to blue. If there are multiple target devices of the iQSS backup, the progress is displayed for each device.
- 5. Displays the total number of the iQSS backup target devices.
- 6. Displays the number of devices that the iQSS backup succeeded or failed.
- 7. Cancels the iQSS backup. The switch is displayed while executing the iQSS backup and is hidden after the iQSS backup is completed.
- 8. Displays the current date and time. Touch the area to open the [Clock Setting] window.
- 9. Opens the [Language Setting] window.

- The iQSS backup will not be canceled until the [OK] switch is touched in the confirmation window.
- If the iQSS backup fails, there is a case that the total number of target devices, backup succeeded, and backup failed all become zero.
- Screen scripts and the recipe function are used to save the iQSS backup history. For more details about scripts, please refer to "5.9 Script List", and for the recipe function, please refer to "5.8 Recipe List".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

IQSS Restoration (PLC -> Sensor)       D3/ 18/20 13 08:31         No.       Date/time       Setting name       Target model       Folder number       I/O       Total - success - fail       4         1       2013/08/19 10:08       ASL INK4       A       23       03       01 - 01 - 00       4         2       2013/08/19 10:08       ASL INK3       A       22       03       01 - 01 - 00       4         3       2013/08/19 10:08       ASL INK2       A       21       03       01 - 01 - 00       4         4       2013/08/19 10:07       ASL INK2       A       21       03       01 - 01 - 00       4         5       2000/00/00 00:00       00       00       00       00       00 - 00 - 00       6				
No.         Date/time         Setting name         Target model         Folder number         I/O         Total - success - tail         4           1         2013/08/19         10:08         ASL INK4         A         23         03         01 - 01 - 00         A           2         2013/08/19         10:08         ASL INK3         A         22         03         01 - 01 - 00         A           3         2013/08/19         10:08         ASL INK2         A         21         03         01 - 01 - 00         A           4         2013/08/19         10:07         ASL INK2         A         21         03         01 - 01 - 00         A           5         2000/00/00         000         00         00         00 - 00 - 00         A           6         2000/00/00         12:00         00         00         00 - 00 - 00         A				
1       2013/08/19       10:08       ASLINK4       A       23       03       01-01-00         2       2013/08/19       10:08       ASLINK3       A       22       03       01-01-00         3       2013/08/19       10:08       ASLINK2       A       21       03       01-01-00         4       2013/08/19       10:07       ASLINK2       A       21       03       01-01-00         5       2000/00/00       00:00       00       00       00       00-00-00         6       2000/00/00       12:00       00       00       00       00-00-00				
2       2013/08/19       10:08       ASLINK3       A       22       03       01-01-00         3       2013/08/19       10:08       ASLINK2       A       21       03       01-01-00         4       2013/08/19       10:07       ASLINK1       A       20       03       03-03-00         5       2000/00/00       00:00       00       00       00       00-00-00         6       2000/00/00       12:00       00       00       00-00-00				
3       2013/08/19       10:08       ASL INK2       A       21       03       01 - 01 - 00         4       2013/08/19       10:07       ASL INK1       A       20       03       03 - 03 - 00         5       2000/00/00       00:00       00       00       00       00 - 00 - 00         6       2000/00/00       12:00       00       00       00 - 00 - 00				
4       2013/08/19       10:07       ASLINK1       A       20       03       03 - 03 - 00         5       2000/00/00       00:00       00       00       00       00 - 00 - 00         6       2000/00/00       12:00       00       00       00 - 00 - 00				
5       2000/00/00       00:00       00       00       00       00       00         6       2000/00/00       12:00       00       00       00       00       00       00       00				
6 2000/00/00 12:00 00 00 00 00 -00 00				
2 Delete history all histories Check setting Execute 5				
J iQSS iQSS iQSS Back Q				
his screen is used to exetute the iQSS restoration according to the parameters of the iQSS				
storation setting that corresponds with the iQSS backup history. This screen is also used to				
Recute confirmation of the IQSS restoration setting that corresponds with the IQSS backup				
escription				
Displays the iQSS backup history 10 cases at a time, up to 100 cases in a list format. By				
touching a iQSS backup history, a cursor appears and the touched line becomes the				
selected state. The IQSS backup history is displayed most recent first.				
history is deleted, the cases older than the deleted history will be moved up line by line.				
Deletes all iQSS backup history.				
Scrolls the page of the list up and down.				
Switches to the [iQSS Restoration Progress] screen and exetutes the iQSS restoration				
according to the parameters of the restoration setting that corresponds with the IQSS backup history in the selected state simultaneously. In addition, if the iQSS restoration is				
executed while selecting the position where no iQSS backup history is displayed, an error				
dialog appears.				
Switches to the [iQSS Restoration Setting] screen.				
Switches to each screen. The blue switch indicates the currently displayed screen, thus				
selecting this switch will not switch the screen.				
<ul> <li>Shows unused switches for base screen switching.</li> <li>Switches to the previously opened screen</li> </ul>				
D. Displays the current date and time. Touch the area to open the [Clock Setting] window.				
11. Opens the [Language Setting] window.				

- When executing the iQSS backup, the iQSS backup history is created only when the iQSS backup data is created in the SD card that is in the PLC.
- The restoration cannot be executed using the iQSS restoration setting that corresponds with the iQSS backup history which ended abnormaly or was suspended.
- The delete operation deletes the iQSS backup history that is saved in a SD card in the GOT. Please note that the actual iQSS backup data is in the SD card in the PLC CPU and it cannot be deleted from the GOT according to the specification. Please also note that if the iQSS backup data is deleted from the SD card, the restoration cannot be executed from the corresponding iQSS backup history.
- For the folder configuration of the SD card in the PLC CPU, please refer to "7.5 iQSS Backup Folder Configuration".
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- · The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

_				9	10	
1	iQSS Resto	ration Settin	g	נו 17/20 E	5:57	
	No7				3	
	Setting name		ASLINK3	ASLINK3		
	Target model		AnyWireASLINK		4	
		Station number	All stations	ID	5	
	Execution unit	Module type	Input/combined			
	Folder number		22		6	
	I/O		3		7	
	Error time action setting		Continue	Stop	8	
2	Back					

#### Outline

This screen is used to confirm the iQSS restoration setting. The contents of the iQSS restoration setting are the same as those when the iQSS backup was executed excluding the folder number.

#### Description

- 1. Displays the iQSS backup history No.
- 2. Switches to the previously opened screen.
- 3. Displays the name of the iQSS backup setting.
- 4. Displays the target model when the iQSS backup was executed.
- 5. Displays the restoration target (the iQSS backup target when the iQSS backup was executed).
- 6. Displays the number of the folder that the iQSS backup data was stored when executing the iQSS backup.
- 7. Displays the I/O No. of the network module to which the iQSS backup target device was connected when executing the iQSS backup.
- 8. Displays the action at the occurrence of an error when executing the iQSS restoration. The settings are the same as those when the iQSS backup was executed.
- 9. Displays the current date and time. Touch the area to open the [Clock Setting] window.
- 10. Opens the [Language Setting] window.

- The display is the same as that of the [iQSS Backup Setting] screen.
- The number of alarms and errors are monitored every second with the project script. If the difference arises in the number of cases, the latest parameters will be read with the device data transfer function. For more details about scripts, please refer to "5.9 Script List", and for the device data transfer function, please refer to "5.7 Device Data Transfer List".
- The currently open window closes when the screen is switched.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. Touch the alarm message to open the [Alarm Reset] window.

# 5.3.26 iQSS Restoration Progress (B-30106)

		89
	iQSS Restoration Progres	S 05/17/20 5:58
	Restoration target	
	Setting name	ASLINKS
	Execution unit	ID
	Target	14
		Input/combined
	Restoration processing	3
	Start date/time	2013/08/09 10:12 4
		100% 5
	lotal number of target devices	
	Restoration failed	
	Menu	suspended
This screen dis	splays the progress of the iQS	S restoration.
<ol> <li>Switches restoration</li> <li>Displays t same as t</li> <li>Displays t</li> <li>Displays t</li> <li>Displays t</li> <li>Displays t</li> <li>Completed blue. If the for each d</li> <li>Displays t</li> </ol>	to the [iQSS Menu] screen. In and is displayed after the iQS he iQSS restoration setting. The hose when the iQSS backup we he date and time that the iQSS the progress of the restoration to bar graph. When the restoration to bar graph. When the restoration the argraph. When the restoration d, "100%" is displayed and the ere are multiple target devices levice. The total number of the iQSS re- he number of devices that the the iQSS restoration. The second is hidden after the iQSS he current date and time. Touc e [Language Setting] window.	The switch is hidden while executing the iQSS SS restoration is completed. The contents of the iQSS restoration setting are the vas executed. So restoration was started. The for a single iQSS restoration target device with the for a single iQSS restoration target device is the color of the bar graph is changed from black to of the iQSS restoration, the progress is displayed restoration target devices. TiQSS restoration succeeded or failed. Switch is displayed while executing the iQSS restoration is completed. The area to open the [Clock Setting] window.
<ul> <li>The iQSS rewindow.</li> <li>If an error of devices, res</li> <li>The number difference a data transfe the device d</li> <li>The currentl</li> <li>If a system</li> </ul>	estoration will not be canceled occurs in the iQSS restoratio toration succeeded, and restor r of alarms and errors are mo rises in the number of cases, r function. For more details at lata transfer function, please re y open window closes when the alarm occurs, the alarm mess	until the [OK] switch is touched in the confirmation n, there is a case that the total number of target ration failed all become zero. Initored every second with the project script. If the the latest parameters will be read with the device rout scripts, please refer to "5.9 Script List", and for effer to "5.7 Device Data Transfer List". The screen is switched. age will appear at the bottom of the screen. Touch



2 Language Setting	]
Outline This window screen allows selecting the GOT language.	
Description         1. Switches the language and closes the window screen.         2. Closes the window screen.         Remarks	
The system language is also switched according to the display language.	

Clock Setting
D8/05/2013 IS:04:19
2 Year Hour 2013 TA 12 TA Month Minute
Image: Second   Image: Second
Outline This window screen allows changing the GOT clock data
<ol> <li>Displays the current date and time.</li> <li>Use switches to change the date and time. Hold down the switches to increment or decrement the value continuously. The [Reset] switch resets the seconds.</li> <li>Applies the set date and time to the GOT clock data, and closes the window screen after 1 second.</li> <li>Closes the window screen.</li> </ol>
<ul> <li>Remarks</li> <li>The date and time at window opening are initially set as the clock data to be newly set.</li> <li>Object scripts are set for the numerical display of the year, month, date, hour, minute and second in the clock data to be newly set. For more details about scripts, please refer to "5.9 Script List".</li> </ul>



1 This will delete the selected iQSS backup history data (including the iQSS restore setting). Do you want to proceed? If you delete the history, please also check the target model and the folder number and delete the corresponding backup folder in the SD card that is inserted in the programmable controller. 3 OK Cancel
Outline This screen is used to confirm deletion of the iQSS backup setting or the iQSS backup history.
Description
<ol> <li>Displays messages.</li> <li>Deletes the target data and closes the window screen.</li> <li>Closes the window screen.</li> <li>Closes the window screen.</li> </ol>
<ul> <li>The message to be displayed differs depending on from which switch the window screen was opened.</li> </ul>

.





# 5.4 Slave Module Detail Information Screen Correspondence Table

Slave module model No.	Model	Large classification	Base screen No.
100	B281SB-02U-CC20	ASLINKER	B-30006
101	B281SB-02US-CC20	ASLINKER	B-30006
102	B280SB-02U-C1220	ASLINKER	B-30008
103	B280SB-02US-C1220	ASLINKER	B-30008
104	BL287SB-02F-CC20	ASLINKER	B-30007
105	BL287SB-02FS-CC20	ASLINKER	B-30007
106	B298SB-02U-M12	ASLINKER	B-30009
107	B298SB-02US-M12	ASLINKER	B-30009
400	B281PB-02U-CC20	ASLINKER	B-30006
401	B281PB-02US-CC20	ASLINKER	B-30006
402	B280PB-02U-C1220	ASLINKER	B-30008
403	B280PB-02US-C1220	ASLINKER	B-30008
404	BL287PB-02F-CC20	ASLINKER	B-30007
405	BL287PB-02FS-CC20	ASLINKER	B-30007
406	B298PB-02U-M12	ASLINKER	B-30009
407	B298PB-02US-M12	ASLINKER	B-30009
700	B281XB-02U-CC20	ASLINKER	B-30006
701	B281XB-02US-CC20	ASLINKER	B-30006
702	B280XB-02U-C1220	ASLINKER	B-30008
703	B280XB-02US-C1220	ASLINKER	B-30008
704	BL287XB-02F-CC20	ASLINKER	B-30007
705	BL287XB-02FS-CC20	ASLINKER	B-30007
706	B298XB-02U-M12	ASLINKER	B-30009
707	B298XB-02US-M12	ASLINKER	B-30009
1000	B289SB-01AP-CAM20	ASLINKAMP	B-30010
1050	B289SB-01AP-CAS	ASLINKAMP	B-30010
1200	B289SB-01AK-CAM20	ASLINKAMP	B-30011
1250	B289SB-01AK-CAS	ASLINKAMP	B-30011
1400	B289SB-01AF-CAM20	ASLINKAMP	B-30012
1450	B289SB-01AF-CAS	ASLINKAMP	B-30012
2000	B285SB-01-1K1	ASLINKSENSOR	B-30013
2300	B283SB-01-1KR	ASLINKSENSOR	B-30014
2301	B283SB-01-1KS	ASLINKSENSOR	B-30014
2302	B283SB-01-1KC	ASLINKSENSOR	B-30015
2303	B283SB-01-1KP	ASLINKSENSOR	B-30016
2600	B295SB-01-1K26	ASLINKSENSOR	B-30017
2900	B284SB-01-12	ASLINKSENSOR	B-30018
A000	BL296SB-08F-3	ASLINKTERMINAL	B-30019
A001	BL296SB-08FS-3	ASLINKTERMINAL	B-30019
A300	BL296PB-08F-3	ASLINKTERMINAL	B-30019
A301	BL296PB-08FS-3	ASLINKTERMINAL	B-30019
A600	BL296XB-08F-3	ASLINKTERMINAL	B-30019
A601	BL296XB-08FS-3	ASLINKTERMINAL	B-30019

# 5.5 Device List

Some of the devices specified to the on-screen switches and lamps, etc., are also used for common settings of functions such as scripts. Using [Batch Edit] is recommended to change these devices in a batch. For more details about using [Batch Edit], please refer to the "GT Designer3 (GOT2000) Help".

Туре	Device No.	Application
	X0041	Parameter Access Completion Flag
	X0042	Parameter Access Error
	Y0030	Error Flag Clear Command
	Y0031	Address Auto Recognition Command
	Y0040	Parameter Access Request Command from Master to Slave
	Y0041	Parameter Batch Read Command from Master to Slave
	014425	iQ Sensor Solution Compatible Backup/Restoration Execution
	51011455	Permission Bit
Bit	Bit SM1436 SM1437	iQ Sensor Solution Compatible Backup Request Bit
Dit		iQ Sensor Solution Compatible Backup Normal Completion Bit
	SM1438	iQ Sensor Solution Compatible Backup Abnormal Completion Bit
	SM1439	iQ Sensor Solution Compatible Restoration Request Bit
	SM1440	iQ Sensor Solution Compatible Restoration Normal Completion Bit
	SM1441	iQ Sensor Solution Compatible Restoration Abnormal Completion Bit
	SM1442	iQ Sensor Solution Compatible Backup/Restoration Cancel Request Bit
	U03-G0 to	Input Information Area (U03-G0 is also Used as Standard Device
	U03-G15	of Device Data Transfer)
	U03-G1	Used as Standard Device of Device Data Transfer
	U03-G20	Used as Standard Device of Device Data Transfer
	U03-G40	Used as Standard Device of Sensing Level
	U03-G4096 to U03-G4111	Output Information Area
	U03-G8192	Number of Error IDs Information
	U03-G8193 to	
	U03-G8320	Error ID Information Storage Area
	U03-G8960	Number of Modules Information
	U03-G9216	Number of Connection IDs Information
	U03-G9217 to	Connection ID Information Storage Area
	U03-G9344	
Word	U03-G9984	Number of Alarm IDs Information
Word	U03-G9985 to	Alarm ID Information Storage Area
	U03-G10112	
	U03-G10256	Latest Error Code Storage Area
	U03-G10320	Parameter Access Setting
	U03-G10321	Parameter Access Target ID Specification
	U03-G10496 to U03-G10751	Parameter Storage Destination Memory Number (Output)
	U03-G11008 to U03-G11263	Parameter Storage Destination Memory Number (Input)
	U03-G12288 to U03-G18431	Parameter Storage Area
	SD1435	iQ Sensor Solution Compatible Backup/Restoration Use Request Device
	SD1436	iQ Sensor Solution Compatible Backup/Restoration Use Right Obtaining Status Device

### 5.5.1 Devices of the controller

Туре	Device No.	Application			
	SD1437	Q Sensor Solution Compatible Backup/Restoration Target Device/Execution Unit Setting Device			
	SD1438	iQ Sensor Solution Compatible Backup/Restoration Target Folder Number Setting Device			
	SD1439	iQ Sensor Solution Compatible Backup/Restoration Target Setting Device (Target Module)			
	SD1440	iQ Sensor Solution Compatible Backup/Restoration Target Setting Device (Target Device 1)			
	SD1441	iQ Sensor Solution Compatible Backup/Restoration Target Setting Device (Target Device 2)			
	SD1444	Q Sensor Solution Compatible Backup/Restoration Action Setting Device			
Word	SD1446	iQ Sensor Solution Compatible Backup/Restoration Status Device			
vvoru	SD1447	Q Sensor Solution Compatible Backup/Restoration Executio Status Device (Total Number of Target Devices)			
	SD1448	iQ Sensor Solution Compatible Backup/Restoration Execution Status Device (Number of Normal Completion Devices)			
	SD1449	iQ Sensor Solution Compatible Backup/Restoration Execution Status Device (Number of Abnormal Completion Devices)			
	SD1450	iQ Sensor Solution Compatible Backup/Restoration Execution Status Device (Progress per Device)			
	SD1451	iQ Sensor Solution Compatible Backup Folder Number Device			
	SD1452	iQ Sensor Solution Compatible Backup/Restoration Module Error Cause			
	SD1453	iQ Sensor Solution Compatible Backup/Restoration Target Device Error Cause			

### GOT internal devices

Туре	Device No.	Application
	GB40	Script Trigger (Always ON)
	GB41	Bit Devices Clear (Always OFF)
	GB30000	Script No.30005 Start Trigger
	GB30001	Script No.30003 Start Trigger
	GB30002	Script No.30017 Start Trigger
	GB30003	Script No.30004 Initial Start Script Start Control Flag
	GB30004	Script No.30006 Start Trigger
	GB30005	Script No.30007 Start Trigger
	GB30006	Script No.30010 Start Trigger
	GB30007	Script No.30023 Initial Start Script Start Control Flag
	GB30008	Script No.30015 Start Trigger
	GB30009	Script No.30017 ID Match Flag
	GB30010	Script No.30001 Start Trigger
	GB30011	Script No.30030 Start Trigger
	GB30012	Script No.30031 Start Trigger
	GB30013	Script No.30032 Start Trigger
	GB30014	Script No.30024 Start Trigger
	GB30015	Script No.30025 Start Trigger
	GB30016	OFF Script Control Flag
	GB30017	Script No.30027 Initial Start Script Start Control Flag
	GB30018	Script No.30034 Start Trigger
Bit	GB30019	Script No.30038 Start Trigger
	GB30020	Script No.30017 Combined Module Flag
	GB30021	Script No.30026 Control Flag
	GB30024	Parameter Individual Read Lamp Bit
	GB30025	Parameter Individual Write Lamp Bit
	GB30026	Script No.30040 Start Trigger
	GB30027	Script No.30041 Initial Start Script Start Control Flag
	GB30028	Error Occurrence Flag
	GB30029	Script No.30068 Start Trigger
	GB30030	Script No.30069 Start Trigger
	GB30044	Parameter Batch Read Flag
	GB30600	Output Judgment Flag
	GB30601	Input Judgment Flag
	GB54000	Script No.30046 Start Trigger
	GB54001	Script No.30047 Start Trigger
	GB54002	Script No.30065 Start Trigger
	GB54004	iQSS Backup Permission Flag
	GB54005	Script No.30056 Start Trigger
	GB54006	Script No.30058 Start Trigger
	GB54008	Script No.30055 Initial Start Script Start Control Flag
	GB54009	Script No.30043, No.30045 Control Flag
	GB54010	Script No.30062 Start Trigger

Туре	Device No.	Application	
	GB54011	Script No.30064 Start Trigger	
Dit	GB54012	Script No.30058 Delete Range Specification Flag	
	GB54013	Script No.30050 Start Trigger	
	GB54014	B-30100 Screen Switching Switch Action Conditions	
DIL	GB54016	Recipe No.30001 Write Trigger	
	GB54017	Recipe No.30001 Read Trigger	
	GB54018	Recipe No.30002 Write Trigger	
	GB54019	Recipe No.30002 Read Trigger	
	GD31000 to GD31255	B-30004 Slave Module Status Display Lamp	
	GD31256 to GD31511	B-30003 Slave Module Status Display Lamp	
	GD31520	B-30003, B-30004 Cursor Display Bit Shift Device	
	GD31521	B-30003, B-30004 Cursor Display Offset Device	
	GD31522	B-30003, B-30004 Current Cursor Position Device	
	GD31523	B-30002 Offset Value Operattion Device	
	GD31524	B-30002 I/O Check Device	
	GD31525	B-30002 System Map Scroll Offset	
	GD31526	B-30002 System Map Parts Display Offset	
	GD31528	B-30005 Sensor List Detail Display Offset	
	GD31529	B-30005 Sensor List Scroll Offset	
	GD31562	Device Data Transfer 1 External Control Device	
	GD31563	Device Data Transfer 1 External Notification Device	
	GD31564	Device Data Transfer 2 External Control Device	
	GD31565	Device Data Transfer 2 External Notification Device	
	GD31567	Device Data Transfer 2, Device Data Transfer 4 Offset	
	GD31568	Device Data Transfer 3 External Control Device	
Word	GD31569	Device Data Transfer 3 External Notification Device	
	GD31570	Device Data Transfer 4 External Control Device	
	GD31571	Device Data Transfer 4 External Notification Device	
	GD31600 to GD31606	Script Work Area	
	GD31607	B-30006 to B-30019 Slave Module Model Number Storage Device	
	GD31608	B-30006 to B-30019 Status	
	GD31609 to GD31616	B-30006 to B-30019 I/O Monitor Parts Display	
	GD31617 to GD31631	B-30005 Module Type	
	GD31633 to GD31647	B-30005 Status Detail	
	GD31649 to GD31663	B-30005 User Definition Name	
	GD31665 to GD31679	B-30005 Status Display Lamp	
	GD31681	B-30006 to B-30019 Remedy Display Start Position Device	
	GD31682 to GD31989	B-30006 to B-30019 Detail Information I/O Offset	
	GD31990 to GD31997	B-30006 to B-30019 Detail Information I/O Mask Device (Object Script)	
	GD32000 to GD32007	B-30006 to B-30019 Detail Information I/O Word Lamp Status Device	
	GD32008	B-30003, B-30004 Cursor Position Display Device	

Туре	Device No.	Application	
	GD33020	Script No.30003 I/O Area Check Device	
	GD35000 to GD35127	B-30002 System Map Display Device	
	GD35128	B-30002 Sensor Type Offset Device	
	GD35130 to GD35642	B-30003, B-30004 Module Type Storage Device	
	GD35643	B-30005 Module Information Display Trigger Device	
	GD40000 to GD40015	Input Information Area	
	GD40016 to GD40031	Output Information Area	
	GD40032	Number of Error IDs	
	GD40033 to GD40160	Connection ID Information Storage Area	
	GD40289	Number of Modules Information	
	GD40290	Number of Connection IDs	
	GD40291 to GD40418	Connection ID Information Storage Area	
	GD40547	Number of Alarms	
	GD40548 to GD40675	Alarm ID Information Storage Area	
	GD40804 to GD41059	Parameter Storage Destination Memory Number (Output)	
	GD41060 to GD41315	Parameter Storage Destination Memory Number (Input)	
	GD41316 to GD47459	Device Parameter (Batch)	
	GD53604 to GD53632	Device Parameter (Individual)	
	GD54000	B-30101 Cursor Display Device	
	GD54001	B-30101 Data Display Offset Device	
	GD54002	B-30104 Cursor Display Device	
\A/ord	GD54003	B-30104 Data Display Offset Device	
vvora	GD54004	Recipe Action Control Device	
	GD54005	B-30101 No. Display Device	
	GD54006	W-30100 to W-30101 Comment Display Device	
	GD54007	B-30101 Data Move Offset Device	
	GD54008	B-30104 Data Move Offset Device	
	GD54009	Recipe External Control Device	
	GD54010	Recipe No. Storage Device	
	GD54011	Record No. Storage Device	
	GD54012	Recipe External Notification Device	
	GD54013	Recipe No. Notification Device	
	GD54014	Record No. Notification Device	
	GD54015 to GD54034	B-30101, B-30102 Backup Setting Work Area	
	GD54035 to GD54039	B-30102 Backup Setting Comment Display Device	
	GD54040 to GD54042	B-30103, B-30106 Backup/Restore Start Time Storage Device	
	GD54043 to GD54062	B-30105 Backup Data Detail Display Area	
	GD54070 to GD54074	B-30105 Backup Data Detail Comment Display Device	
	GD54075	Script No.30042 Target Device Judgment Device	
	GD54076 to GD54085	B-30101 Execution Unit Comment Display Device	
	GD54086	B-30101, B-30102 Module Type Selection Switch Display Flag	
	GD54087	Number of AnyWireASLINK Backup Cases	
	GD54088	Number of CC-Link Backup Cases	

Туре	Device No.	Application		
	GD54089	Script No.30042 I/O No. at Device Dedicated Screen Setting		
	GD54090	Recipe No.30001 Record No.		
	GD54091	Recipe No.30002 Record No.		
	GD54100 to GD56199	Backup Setting Storage Area		
	GD56200 to GD61599	Backup Result Storage Area		
	GD62000	Base Screen Switching Device		
	GD62001	Overlap Window 1 Screen Switching Device		
	GD62004	Overlap Window 2 Screen Switching Device		
	GD62007	Overlap Window 3 Screen Switching Device		
	GD62021	Language Switching Device		
	GD62022	System Language Switching Device		
	GD62300	Change Time Device (Year)		
	GD62301	Change Time Device (Month)		
	GD62302	Change Time Device (Day)		
Word	GD62303	Change Time Device (Hour)		
	GD62304	Change Time Device (Minute)		
	GD62305	Change Time Device (Second)		
	GS386	Project/Screen Script Initial Action Control Device		
	GS513 to GSS516	Change Time Device		
	GS650 to GSS652	Current Time Device		
	GS654	Touch Status External Notification (X Coordinate)		
	GS655	Touch Status External Notification (Y Coordinate)		
	TMP0toTMP28,TMP100toTMP105,TMP110toTMP111,TMP120toTMP126,TMP200toTMP206,TMP211toTMP213,TMP220toTMP223,TMP1000,TMP1001,TMP1010,TMP1020	For Script Operation		

# 5.6 Comment List

Comment group No.	Comment No.	Where comments are used	
	No.1	B-30006 to B-30019	
	No.2	B-30006 to B-30019	
	No.4	B-30006 to B-30019	
	No.8	B-30006 to B-30019	
	No.32	B-30006 to B-30019	
	No.100	B-30006 to B-30019	
	No.101	B-30006 to B-30019	
	No.102	B-30006 to B-30019	
	No.103	B-30006 to B-30019	
	No.104	B-30006 to B-30019	
250	No.200	B-30006 to B-30019	
250	No.201	B-30006 to B-30019	
	No.202	B-30006 to B-30019	
	No.300	B-30006 to B-30019	
	No.301	B-30006 to B-30019	
	No.302	B-30006 to B-30019	
	No.303	B-30006 to B-30019	
	No.304	B-30006 to B-30019	
	No.305	B-30006 to B-30019	
	No.400	B-30006 to B-30019	
	No.401	B-30006 to B-30019	
	No.500	B-30006 to B-30019	
	Please refer to "5.4 Slave Module Detail Information Screen		
251	Correspondence Table	". In GOT, the comment No. and the base screen	
	No. to display are set f	or each module model number of slave modules.	
252	For the module mod	del numbers of slave modules after A0000,	
202	comments are set in	the GOT comment No.10000 or later. (A0000	
		R 20005 to R 20010	
253	512 to No 767	B-30003 to B-30019	
	No 1	B-30002 B-30005 to B-30019	
	No 2	B-30002, B-30005 to B-30019	
	No.4	B-30002, B-30005 to B-30019	
	No.4	B-30002 B-30005 to B-30019	
	No 32	B-30002 B-30005 to B-30019	
	No 100	B-30002 B-30005 to B-30019 W-30101	
	No.101	B-30002, B-30005 to B-30019, W-30101	
	No.102	B-30002, B-30005 to B-30019, W-30101	
	No.103	B-30002, B-30005 to B-30019, W-30101	
	No.104	B-30002, B-30005 to B-30019, W-30101	
254	No.200	B-30002, B-30005 to B-30019, W-30101	
	No.201	B-30002, B-30005 to B-30019, W-30101	
	No.202	B-30002, B-30005 to B-30019, W-30101	
	No.300	B-30002, B-30005 to B-30019, W-30101	
	No.301	B-30002, B-30005 to B-30019, W-30101	
	No.302	B-30002, B-30005 to B-30019, W-30101	
	No.303	B-30002, B-30005 to B-30019, W-30101	
	No.304	B-30002, B-30005 to B-30019, W-30101	
	No.305	B-30002, B-30005 to B-30019, W-30101	
	No.400	B-30002, B-30005 to B-30019, W-30101	

Comment group No.	Comment No.	Where comments are used
	No.401	B-30002, B-30005 to B-30019, W-30101
	No.500	B-30002, B-30005 to B-30019, W-30101
	No.18433	W-30101
	No.18434	W-30101
	No.18435	W-30101
	No.18436	W-30101
	No.18437	W-30101
	No.18438	W-30101
	No.18439	W-30101
	No.18440	W-30101
	No.18441	W-30101
	No.32000	W-30101
	No.32001	W-30101
	No.32002	W-30101
o <b>-</b> /	No.32003	W-30101
254	No.32004	W-30101
	No.32005	W-30101
	No.32006	W-30101
	No.32007	W-30101
	No.32008	W-30101
	No.32009	W-30101
	No.32010	W-30101
	No.32011	W-30101
	No.32012	W-30101
	No.32013	W-30101
	No.32014	W-30101
	No.32015	W-30101
	No.32016	W-30101
	No.32017	W-30101
	No.32767	B-30002, B-30005 to B-30019
	No.20	B-30002
	No.22	B-30005
	No.23	B-30005 to B-30019
	No.24	B-30005 to B-30019
	No.25	B-30006 to B-30019
	No.26	B-30002 to B-30019
	No.27	B-30001, B-30002
	No.28	B-30002 to B-30019
	No.29	B-30001 to B-30019
255	No.30	B-30001
233	No.31	B-30001
	No.32	B-30002 to B-30004
	No.33	B-30002 to B-30004
	No.34	B-30002 to B-30004
	No.35	B-30002 to B-30004
	No.36	B-30002 to B-30005
	No.37	B-30002
	No.38	B-30002 to B-30004, W-30001
	No.39	B-30002 to B-30004
	No.40	B-30002 to B-30005, W-30001, W-30003

Comment group No.	Comment No.	Where comments are used
	No.41	B-30002 to B-30019
	No.42	B-30002 to B-30019
	No.43	B-30006 to B-30019
	No.44	-
	No.45	B-30003, B-30004
	No.46	B-30003, B-30004
	No.47	B-30003, B-30004
	No.48	B-30003, B-30004
	No.49	B-30005
	No.50	B-30005
	No.51	B-30005 to B-30019
	No.52	B-30006 to B-30019
	No.53	B-30006 to B-30019
	No.54	B-30006 to B-30019
	No.55	B-30006 to B-30019
	No.56	B-30006 to B-30019
	No.57	B-30006 to B-30019
	No.58	B-30006 to B-30019
	No.59	B-30006, B-30008, B-30009
	No.60	B-30006 to B-30019
	No.61	B-30006 to B-30019
	No.62	B-30010 to B-30015, B-30017, B-30018
	No.63	B-30010 to B-30015, B-30017, B-30018
	No.64	B-30013, B-30018
255	No.65	B-30013, B-30018
	No.66	B-30013, B-30018
	No.67	B-30013, B-30018
	No.68	B-30011, B-30013, B-30017, B-30018
	No.69	B-30013, B-30017, B-30018
	No.70	B-30013 to B-30015, B-30017, B-30018
	No.71	B-30013 to B-30015, B-30017, B-30018
	No.72	B-30013, B-30017, B-30018
	No.73	B-30013, B-30017, B-30018
	No.74	B-30013 to B-30015, B-30017, B-30018
	No.75	B-30006 to B-30019
	No.76	B-30006, B-30008, B-30009
	No.77	B-30006, B-30008, B-30009
	No.78	W-30004
	No.79	W-30004
	No.80	W-30004
	No.81	W-30003
	No.82	W-30003
	No.83	W-30003
	No.84	W-30003
	No.85	W-30003
	No.86	W-30003
	No.87	W-30003
	No.88	W-30003
	No.89	-

Comment group No. Comment No. Where comments are		Where comments are used	
	No.90	-	
	No.91	B-30003	
	No.92	B-30004	
	No.93	B-30006 to B-30019	
	No.94	B-30001	
	No.95	B-30002 to B-30019	
	No.96	B-30001, B-30004	
	No.97	B-30001, B-30003	
	No.98	-	
	No.99	B-30100	
	No.100	-	
	No.101	-	
	No.102	-	
	No.103	-	
	No.104	-	
	No.105	-	
	No.106	-	
	No.107	-	
	No.108	-	
	No.109	-	
	No.110	-	
	No.111	-	
	No.112	-	
	No.113	-	
	No.114	-	
	No.115	-	
255	No.116	-	
	No.117	B-30010 to B-30012, B-30014, B-30015, B-30017	
	No.118	B-30010 to B-30012, B-30014, B-30015, B-30017	
	No.119	B-30010 to B-30012, B-30014, B-30015, B-30017	
	No.120	B-30010 to B-30012, B-30014, B-30015, B-30017	
	No.121	B-30010, B-30012, B-30014, B-30015	
	No.122	B-30010, B-30012, B-30014, B-30015	
	No.123	B-30010 to B-30012, B-30014, B-30015	
	No.124	B-30014, B-30015	
	No.125	B-30014, B-30016	
	No.126	B-30010 to B-30012, B-30014, B-30015	
	No.127	B-30010 to B-30012, B-30014 to B-30016	
	No.128	W-30002	
	No.129	B-30010, B-30012	
	No.130	B-30010, B-30012	
	No.131	B-30010, B-30012	
	No.132	B-30010, B-30012	
	No.133	B-30010 to B-30012	
	No.134	B-30010 to B-30012	
	No.135	B-30010 to B-30012	
	No.136	B-30010, B-30012	
	No.137	B-30010, B-30012	
	No.138	B-30011	

Comment group No.	Comment No.	Where comments are used
	No.139	B-30011
	No.140	B-30011
	No.141	B-30011
	No.142	B-30011
	No.143	B-30011
	No.144	B-30014, B-30016
	No.145	B-30006 to B-30019
	No.201	B-30000, B-30100
	No.202	B-30101
	No.203	B-30102
	No.204	B-30103
	No.205	B-30104
	No.206	B-30105
	No.207	B-30106
	No.208	B-30100
	No.209	B-30100
	No.210	B-30101, B-30102, B-30104, B-30105
	No.211	B-30102, B-30103, B-30105, B-30106
	No.212	B-30101 to B-30106
	No.213	B-30103, B-30106
	No.214	B-30101
	No.215	B-30101
	No.216	B-30101
	No.217	B-30101
255	No.218	B-30101, B-30104
	No.219	B-30101, B-30103, B-30104, B-30106
	No.220	B-30101, B-30104
	No.221	B-30101, B-30104
	No.222	B-30101, B-30102, B-30104, B-30105
	No.223	B-30102, B-30105
	No.224	B-30102, B-30105
	No.225	B-30101, B-30103, B-30106
	No.226	B-30101, B-30103, B-30106
	No.227	B-30103, B-30106
	No.228	B-30102, B-30105
	No.229	B-30105
	No.230	B-30102, B-30105
	No.231	B-30102
	No.232	B-30103, B-30105
	No.233	B-30103, B-30105
	No.234	B-30102, B-30105
	No.235	B-30102, B-30105
	No.236	B-30102
	No.237	B-30103
	No.238	B-30103
	No.239	B-30103, B-30106
	No.240	B-30103, B-30106
	No.241	B-30103, B-30106
	No.242	B-30103, B-30105

Comment group No.	Comment No.	Where comments are used
	No.243	B-30103, B-30105
	No.244	B-30103, B-30105
	No.245	B-30101 to B-30103, B-30105, B-30106
	No.246	B-30103
	No.247	B-30103
	No.248	B-30103
	No.249	B-30104
	No.250	B-30104
	No.251	B-30104
	No.252	B-30106
	No.253	B-30106
	No.254	B-30106
	No.255	B-30106
	No.256	B-30106
	No.257	W-30004, W-30100 to W-30102
	No.258	W-30100, W-30102
	No.259	-
	No 260	_
	No.261	-
	No.262	-
	No.263	-
	No.264	-
	No.265	-
255	No.266	-
	No.267	-
	No.268	W-30102
	No.269	W-30102
	No.270	W-30102
	No.271	W-30102
	No.272	W-30100
	No.273	B-30104
	No.274	B-30104
	No.275	B-30101, B-30104
	No.276	B-30101, B-30104
	No.277	B-30101, B-30104
	No.278	B-30104
	No.279	B-30101, B-30104
	No 280	W-30102
	No.281	W-30102
	No 282	W-30100
	No.283	B-30102, B-30103, B-30105, B-30106
	No.284	B-30102, B-30103, B-30105, B-30106
	No.285	-
	No.286	B-30103, B-30106
	No.287	B-30101
	No.288	B-30101
	No.289	W-30100

# 5.7 Device Data Transfer List

# ID: 201 Transfer 1

	Settings	
	Trigger Type	Rise
Device Data Transfer	External Control Device	GD31562
Trigger	Trigger Device	GD31562.b0
	Transfer Inverting Flag Device	GD31562.b1
	External Notification Device	GD31563
External Notification	Device Data Transfer Notification	GD31563.b0
	Device Data Transfer Error Notification Signal	GD31563.b15
Device	Block Number	10
	Device Type	Signed BIN16
	Points	16
Block 1	Source Device	U03-G0
	Destination Device	GD40000
	Offset	None
	Device Type	Signed BIN16
	Points	16
Block 2	Source Device	U03-G4096
	Destination Device	GD40016
	Offset	None
	Device Type	Signed BIN16
	Points	129
Block 3	Source Device	U03-G8192
	Destination Device	GD40032
	Offset	None
	Device Type	Signed BIN16
	Points	1
Block 4	Source Device	U03-G8960
	Destination Device	GD40289
	Offset	None

Item		Settings
Block 5	Device Type	Signed BIN16
	Points	129
	Source Device	U03-G9216
	Destination Device	GD40290
	Offset	None
	Device Type	Signed BIN16
	Points	129
Block 6	Source Device	U03-G9984
	Destination Device	GD40547
	Offset	None
	Device Type	Signed BIN16
	Points	256
Block 7	Source Device	U03-G10496
	Destination Device	GD40804
	Offset	None
	Device Type	Signed BIN16
	Points	256
Block 8	Source Device	U03-G11008
	Destination Device	GD41060
	Offset	None
Block 9	Device Type	Bit
	Points	1
	Source Device	GB41
	Destination Device	GD31562.b0
	Offset	None
Block 10	Device Type	Bit
	Points	1
	Source Device	GB41
	Destination Device	GB30016
	Offset	None

# ID: 202 Transfer 2

Item		Settings
Device Data Transfer Trigger	Trigger Type	Rise
	External Control Device	GD31564
	Trigger Device	GD31564.b0
	Transfer Inverting Flag Device	GD31564.b1
External Notification Information	External Notification Device	GD31565
	Device Data Transfer Notification Signal	GD31565.b0
	Device Data Transfer Error Notification Signal	GD31565.b15
Device	Block Number	4
Block 1	Device Type	Signed BIN16
	Points	1
	Source Device	U03-G0
	Destination Device	GD53604
	Offset	Source GD31567
	Device Type	Signed BIN16
	Points	28
Block 2	Source Device	U03-G20
	Destination Device	GD53605
	Offset	Source GD31567
Block 3	Device Type	Bit
	Points	1
	Source Device	GB41
	Destination Device	GD31564.b0
	Offset	None
Block 4	Device Type	Bit
	Points	1
	Source Device	GB41
	Destination Device	GB30021
	Offset	None

## ID: 203 Transfer 3

Item		Settings
Device Data Transfer Trigger	Trigger Type	Rise
	External Control Device	GD31568
	Trigger Device	GD31568.b0
	Transfer Inverting Flag Device	GD31568.b1
External Notification Information	External Notification Device	GD31569
	Device Data Transfer Notification Signal	GD31569.b0
	Device Data Transfer Error Notification Signal	GD31569.b15
Device	Block Number	2
Block 1	Device Type	Signed BIN16
	Points	6144
	Source Device	U03-G12288
	Destination Device	GD41316
	Offset	None
Block 2	Device Type	Bit
	Points	1
	Source Device	GB41
	Destination Device	GD31568.b0
	Offset	None

# ID: 204 Transfer 4

Item		Settings
Device Data Transfer Trigger	Trigger Type	Rise
	External Control Device	GD31570
	Trigger Device	GD31570.b0
	Transfer Inverting Flag Device	GD31570.b1
External Notification Information	External Notification Device	GD31571
	Device Data Transfer Notification Signal	GD31571.b0
	Device Data Transfer Error Notification Signal	GD31571.b15
Device	Block Number	3
	Item	Settings
---------	--------------------	---------------------
	Device Type	Signed BIN16
	Points	19
Block 1	Source Device	GD53605
	Destination Device	U03-G1
	Offset	Destination GD31567
	Device Type	Bit
	Points	1
Block 2	Source Device	GB40
	Destination Device	Y0040
	Offset	None
	Device Type	Bit
	Points	1
Block 3	Source Device	GB41
	Destination Device	GD31570.b0
	Offset	None

# 5.8 Recipe List 5.8.1 Common Setting

External Control Information	
External Control Device	GD54009
Recipe No. Storage Device	GD54010
Record No. Storage Device	GD54011
External Notification Information	
External Notification Device	GD54012
Recipe No. Notification Device	GD54013
Record No. Notification Device	GD54014

# 5.8.2 Individual Setting Recipe No.30001 Recipe 1

Item		Settings		
	-	Use a recipe file		
Decine File	Drive Name	A: Standard SD Card		
Recipe Flie	Folder Name	Package1		
	File Name	ARP30001.G1P		
	Write Trigger 1	GB54016		
Trigger Device	Read Trigger 1	GB54017		
	Record No. Device	GD54090		
Block Number 1		1		
Record Number		1		
	Device	GD54100		
Block 1	Device Type	Signed BIN16		
	Points	2100		

## Recipe No.30002 Recipe 2

	Item	Settings	
	-	Use a recipe file	
Decine File	Drive Name	A: Standard SD Card	
Recipe File	Folder Name	Package1	
	File Name	ARP30002.G1P	
	Write Trigger 1	GB54018	
Trigger Device	Read Trigger 1	GB54019	
	Record No. Device	GD54091	
Block Number		2	
Record Number		1	
	Device	GD56200	
Block 1	Device Type	Signed BIN16	
	Points	5400	
	Device	GD54087	
Block 2	Device Type	Signed BIN16	
	Points	2	

# 5.9 Script List

Item	Settings
Project script	Specified
Screen script	Specified: B-30001 to B-30019, B-30100 to B-30106
Object script	Specified: B-30006 to B-30019, B-30101, W-30003
Script symbol	Specified
Object script symbol	Specified

# 5.9.1 Project script

Script No.	30020	Script name	Script30020
Comment	Initial Start Control		
Data type	Signed BIN16	Trigger type	Rise, GB40
//Actions at Scree	n Startup		
[w:GS386] = 1;	//Inhibit Initial Start of Scrip	ots	
set([b:Y41]);	//Execute Parameter Batch R	lead	
Script No.	30029	Script name	Script30029
Comment	Alarm, Error Info Acquisition		
Data type	Signed BIN16	Trigger type	Sampling, 1 Sec
//Observe Error an	ıd Alarm		
if(([w:GD40032] !=	[w:U03-G8192])    ([w:GD405	47] != [w:U03-G9	<del>)</del> 984]))
{			
set([b:GL	)31568.b0]);		
}			0.100000
Script No.	30033	Script name	Script30033
Comment		Trimerentura	
Data type	Signed BIN16	I rigger type	Fall, GD31568.b0
//Read Statuses	~1		
	J]);		
Script No.	30002	Script name	Script30002
Comment	Device Data Transfer Flag C	lear	
Data type	Signed BIN16	Trigger type	ON Sampling, 3 Sec, GD31562.b0
//Clear Flag for De	vice Data Transfer		
-			
rst([b:GD31562.b0	י]);		
Script No.	30011	Script name	Script30011
Comment	Device Data Transfer Flag C	lear	
Data type	Signed BIN16	Trigger type	ON Sampling, 3 Sec, GD31564.b0
//Clear Flag for De	vice Data Transfer		
rst([b:GD31564.b0	<u>네);</u>		
Script No.	30042	Script name	Script30042
Comment	Process at Screen Start	I	
Data type	Signed BIN16	Trigger type	Rise, GB40
//Initialize iQSS Ba	ackup/Restore Sample Screen		
[w:GS386] = 1;	//Inhibit Initial Start of Scripts		
[w:GD54005] = 1;	//Set 1 to the first number of iC	2SS backup	
[W:GD54075] = 1,7	//U: Not Specified, 1: ASLINK,	2: CC-LINK	
[W:GD54089] = 3, 1	1/ To use as a dedicated screer	i, enter i/O No. n	ere
////hop initially dia	nloving iOSS Backup Scroop	or iOSS Bootorat	ion Coroon
//Display Cursor in No 1			

set([b:GD54000.b0]); set([b:GD54002.b0]);

//When starting screen, to read iQSS backup setting and iQSS backup history, //start script. set([b:GB54010]);

//Specify action conditions of screen switching switch on the menu screen. set([b:GB54014]);

### 5.9.2 Screen script Base screen 30001

Dase screen 3000			
Script No.	30035	Script name	Script30035
Comment	Device Data Transfer 3 Start		
Data type	Signed BIN16	Trigger type	ON, Y41
//Transfer paramet	ters to internal devices using De	evice Data Trans	fer.
if([b:X41] == ON)			
{			
Set([D:GL	J3 1568.DUJ);		
ารแบบ.14	ı]),		
Script No	30041	Scrint name	Script30041
Comment	NW Man, Sensor List Disp Co	ontrol	
Data type	Signed BIN16	Trigger type	ON GB40
//Control not to dis	play the Network Map and Sen	sor List at the ini	tial startup
if([b:GB30027] ==	OFF)		
{	- ,		
[w:TMP0	000] = 0xFFFF;		
fmov([w:]	[MP0000],[w:GD35000],128);		
fmov([w:]	FMP0000],[w:GD31617],48);		
set([b:GB	330027]);		
}			
Script No.	30074	Script name	Script30074
Comment	Sensor Automatic Detection	<b>T</b>	011 1/0004
Data type	Signed BIN16	I rigger type	ON, Y0031
if([b:X41] == ON)	tect Sensor		
$\int_{0}^{11} \left[ \frac{1}{2} - \frac{1}{2} \right] dx$			
1) //If the na	arameter batch read flag is on	reset the auto	detect flag and start the device data
transfer.	arameter baton read hag to on		detect hag and start the device data
if([b:GB3	00441 == ON)		
{``	. ,		
	rst([b:Y31]);		
	set([b:GD31568.b0]);		
	rst([b:GB30044]);		
}			
}else{	<b>a</b>		
//Set the	flag when starting the paramete	er batch read.	
IT([D:GB3	0044] == OFF)		
۱ ۱	set([b:GB30044]):		
3	איזעטטטטיין),		
1 1			
}			

## Base screen 30002

Script No.	30023	Script name	Script30023
Comment	B-30002,30005 Scr.Start Proc	cess	
Data type	Signed BIN16	Trigger type	ON, GB40

//Read Statuses or Parameters if([b:GB30007] == OFF) { if(([w:U03-G8192] != 0) || ([w:U03-G9984] != 0)) set([b:GD31568.b0]); }else{ set([b:GD31562.b0]); } set([b:GB30007]); Script No. 30019 Script name Script30019 Comment Script No.30005 Start Signed BIN16 OFF, GD31563.b0 Data type Trigger type //Display Objects if([b:GB30016] == OFF) { set([b:GB30000]); set([b:GB30016]); 30005 Script No. Script name Script30005 B-30002 Parts Display Comment Data type Signed BIN16 Trigger type ON, GB30000 //Display Objects [w:GD31526] = 0;[w:TMP0001] = 0; [w:TMP0004] = 0; [w:TMP0001] = [w:GD31525]; [w:TMP0009] = 0; //Make Settings to Switch Parts Display According To Language if([w:GD62021] > 0){ [w:TMP0009] = [w:GD62021] - 1; while([w:GD31526] < 32) { //Check Connection Status if(([w:GD40290] != 0) && ([w:TMP0001] < [w:GD40290])) { [w:GD31600] = [w:GD40291[w:TMP0001]]; //Connection ID [w:TMP0001] = [w:TMP0001] + 1;if(([w:GD31600] & 0x0200) == 0){ set([b:GB30600]);//Output Bit [w:GD31601] = ([w:GD31600] & 0x0200) >> 9; }else{ set([b:GB30601]);//Input Bit [w:GD31601] = ([w:GD31600] & 0x0200) >> 9; } //Device Parameter [w:TMP0004] = [w:GD31600] & 0x00FF; //Offset to Obtain Device Parameter if([b:GB30600] == ON){ //Output [w:TMP0005] = [w:GD40804[w:TMP0004]]; }else{

```
//Input
                         [w:TMP0005] = [w:GD41060[w:TMP0004]];
                [w:GD31604] = [w:TMP0005] - 12288;
                //I/O Points Pattern
                [w:TMP0006] = [w:GD31604] + 43; //Parameter Offset
                [w:TMP0007] = [w:GD41316[w:TMP0006]];
                [w:GD31605] = ([w:TMP0007] & 0x00C0) >> 6;
                                                                  //0: Input,
                                                                               1: Output,
                                                                                            2:
Combined
                [w:GD31606] = ([w:TMP0007] \& 0x003F) + 1;
                                                                  //Points
                //Module Model Number
                [w:TMP0008] = [w:GD31604] + 44; //Parameter Offset
                [w:GD31607] = [w:GD41316[w:TMP0008]];
                //Alarm Information
                if([w:GD40547] != 0)
                {
                         [w:TMP0004] = 0;
                        while([w:TMP0004] < [w:GD40547])
                         {
                                 if([w:GD40548[w:TMP0004]] == [w:GD31600])
                                 {
                                         [w:GD31602] = 1; //Alarm Occurrence
                                         break;
                                 [w:TMP0004] = [w:TMP0004] + 1;
                        }
                }
                //Error Information
                if([w:GD40032] != 0)
                {
                         [w:TMP0004] = 0;
                        while([w:TMP0004] < [w:GD40032])
                         {
                                 if([w:GD40033[w:TMP0004]] == [w:GD31600])
                                 {
                                         [w:GD31603] = 1; //Error Occurrence
                                         break;
                                 [w:TMP0004] = [w:TMP0004] + 1;
                        }
                }
                //Display
                if([w:GD31603] == 1)
                {
                        //Error Occurrence
                         switch([w:GD31605])
                         {
                                 case 0: [w:GD35000[w:GD31526]] = 30030 + [w:TMP0009];
        //Input
                                                  break;
                                 case 1: [w:GD35000[w:GD31526]] = 30021 + [w:TMP0009];
        //Output
                                                  break;
                                        79/151
                                                                             BCN-P5999-0119
```

//Combi	ned		case 2:	[w:GD35	5000[w:GI	D31526]]	= 30039	+ [	w:TMP000	)9];
	neu	}			break;					
	[w:GD35032[w:GD31526]] = 0; [w:GD35064[w:GD31526]] = [w:GD31600] & 0x00FF; //ID [w:GD35096[w:GD31526]] = [w:GD31607]; //Module Model No. }else{ if([w:GD31602] == 1)									
		{	//Alarm ( switch([\	Occurren w:GD316	ce 05])					
	//Input		{	case 0:	[w:GD35	000[w:GE	31526]]	=	30027	+
[w.10160009],	mput					break;				
[w:TMP0009];	//Output			case 1:	[w:GD35	000[w:GE	31526]]	=	30018	+
L 1'	·					break;				
[w:TMP0009];	//Combii	ned		case 2:	[w:GD35	000[w:GE	31526]]	=	30036	+
						break;				
		}else{	} [w:GD35 [w:GD35 [w:GD35 //正常 switch([v	5032[w:G 5064[w:G 5096[w:G w:GD316	D31526]] D31526]] D31526]] D31526]]	= 0; = [w:GD3 = [w:GD3	1600] & 0x 1607]; //N	00FF; ⁄lodule	//ID e Model No	0.
			{	case 0:	[w:GD35	000[w:GE	31526]]	=	30024	+
[w:TMP0009];	//Input					break;				
[w:TMP0009];	//Output			case 1:	[w:GD35	000[w:GD break;	031526]]	=	30015	+
[w:TMP0009];	//Combii	ned		case 2:	[w:GD35	000[w:GD break;	931526]]	=	30033	+
	} [w:GD3 <sup>7</sup> rst([b:GE rst([b:GE	} 1526] = [w 330600]); 330601]);	} [w:GD35 [w:GD35 [w:GD3152 //Output //Input B	5032[w:G 5064[w:G 5096[w:G 26] + 1; Bit it	D31526]] D31526]] D31526]]	= 0; = [w:GD3 = [w:GD3	1600] & 0x 1607]; //N	00FF; ⁄lodule	//ID e Model N	D.
	//Work A [w:TMP(	rea Cleai <u>)004] = 0</u>	r ;							

}else{	fmov([w:TMP0004],[w:GD31600	0],5); lisplav	
	[w:GD35000[w:GD31526]] = 0x [w:GD35032[w:GD31526]] = 0x [w:GD35064[w:GD31526]] = 0x [w:GD35064[w:GD31526]] = 0x	:FFFF; :FFFF; :FFFF; :FFFF;	
	[w:GD31526] = [w:GD31526] +	1;	
	rst([b:GB30600]); //Output Bit rst([b:GB30601]): //Input Bit		
}			
}			
//Trigger Reset rst([b:GB300001):			
Script No.	30021	Script name	Script30021
Comment	Flags Clear		
Data type	Signed BIN16	Trigger type	When closing a screen
//Clear Flags rst([b:GB30006]); rst([b:GB30007]); rst([b:GB30003]);			
[w:TMP0004] = 0; fmov([w:TMP0004 fmov([w:TMP0004 fmov([w:TMP0004 [w:GD32008] = 0;	],[w:GD31000],512); //Init ],[w:GD31520],3); //Cle ],[w:GD31600],8); //Wo //Cursor Position Information Cl	tialize Object Val ear Cursor Positio ork Area Clear lear(B-30003,4)	ues(B-30003, 4) on Information(B-30003,4)
//Close Overlap W [w:GD62001] = 0; [w:GD62004] = 0; [w:GD62007] = 0;	'indow		
Script No.	30006	Script name	Script30006
Comment	Scroll Up		
Data type	Signed BIN16	Trigger type	Rise, GB30004
	0)		
[[w.GD31525] !=	0)		
[w:GD315 set([b:GE	525] = [w:GD31525] - 32; 330000]);		
Script No.	30007	Script name	Script30007
Comment	Scroll Down		
Data type	Signed BIN16	Trigger type	Rise, GB30005
//Scroll List Down if((([w:GD31525] +	- 32) < [w:U03-G8960]) && ([w:I	U03-G8960] > 32	2))
[w:GD315 set([b:GE	525] = [w:GD31525] + 32; 330000]);		
Script No.	30010	Script name	Script30010
Comment	B-30002 Detail Screen Displa	ly	
Data type	Unsigned BIN16	Trigger type	ON, GB30006
//Determine detail [w:TMP0000] = [w	screen to display. :GD31523] & 0x00FF;		
if(([w:GD31524] >= {	= 30015) && ([w:GD31524] <= 3	30023))	

Joloof	//Output [w:GD31567] = [w:TMP0001] =	[w:GD40804[w:TMP0000]]; [w:TMP0000];	//Offset
}eise{	//Input [w:GD31567] = [w:TMP0001] =	[w:GD41060[w:TMP0000]]; [w:TMP0000] + 0x0200;	//Offset
[w:U03- [w:U03-	-G10320] = 0; -G10321] = [w:TM	//Read Individual Parame P0001]; //Read Target ID	ter
//Select switch([	base screen to d [w:GD35096[w:GI	isplay. D35128]])	
{	case 0x0100:	[w:GD62000] = 30006; break;	
	case 0x0101:	[w:GD62000] = 30006; break;	
	case 0x0102:	[w:GD62000] = 30008; break;	
	case 0x0103:	[w:GD62000] = 30008; break;	
	case 0x0104:	[w:GD62000] = 30007; break;	
	case 0x0105:	[w:GD62000] = 30007; break;	
	case 0x0106:	[w:GD62000] = 30009; break;	
	case 0x0107:	[w:GD62000] = 30009; break;	
	case 0x0400:	[w:GD62000] = 30006; break;	
	case 0x0401:	[w:GD62000] = 30006; break;	
	case 0x0402:	[w:GD62000] = 30008; break;	
	case 0x0403:	[w:GD62000] = 30008; break;	
	case 0x0404:	[w:GD62000] = 30007; break;	
	case 0x0405:	[w:GD62000] = 30007; break;	
	case 0x0406:	[w:GD62000] = 30009; break;	
	case 0x0407:	[w:GD62000] = 30009; 82/151	

break;	
[w:GD62000] = 30006; break;	case 0x0700:
[w:GD62000] = 30006; break;	case 0x0701:
[w:GD62000] = 30008; break;	case 0x0702:
[w:GD62000] = 30008; break;	case 0x0703:
[w:GD62000] = 30007; break;	case 0x0704:
[w:GD62000] = 30007; break;	case 0x0705:
[w:GD62000] = 30009; break;	case 0x0706:
[w:GD62000] = 30009; break;	case 0x0707:
[w:GD62000] = 30010; break;	case 0x1000:
[w:GD62000] = 30010; break;	case 0x1050:
[w:GD62000] = 30011; break;	case 0x1200:
[w:GD62000] = 30011; break;	case 0x1250:
[w:GD62000] = 30012; break;	case 0x1400:
[w:GD62000] = 30012; break;	case 0x1450:
[w:GD62000] = 30013; break;	case 0x2000:
[w:GD62000] = 30014; break;	case 0x2300:
[w:GD62000] = 30014; break;	case 0x2301:
[w:GD62000] = 30015; break;	case 0x2302:
[w:GD62000] = 30016; break;	case 0x2303:
[w:GD62000] = 30017; break;	case 0x2600:
83/151	

case 0x290	00: [w:GD62000] = 30018; break;	
case 0xA0	00: [w:GD62000] = 30019; break;	
case 0xA0	01: [w:GD62000] = 30019; break;	
case 0xA3	00: [w:GD62000] = 30019; break;	
case 0xA3	01: [w:GD62000] = 30019; break;	
case 0xA6	00: [w:GD62000] = 30019; break;	
case 0xA6	01: [w:GD62000] = 30019; break;	
default: }	break;	
rst([b:GB30006]);		

## Base screen 30003

Script No.	30004	Script name	Script30004	
Comment	B-30003 Screen Initialization			
Data type	Signed BIN16	Trigger type	ON, GB40	
if([b:GB30003] ==	OFF)			
{				
fmov([w:1	MP0000],[w:GD31600],10);	<b>f o i i</b>		
	[10] = 0; //Initialize Temporary A	Area for Comparis	son	
	21562 bolly	Area for Comparis	son Lev Perte	
set([b.GD	31502.00j), //Oblain Para 200021)://Turn on the flag not	to work when d	lay Pails	
Sel([D.GD time or later	sooosj),// fulli on the hag not	to work when a	isplaying the screen for the second	
Script No.	30008	Script name	Script30008	
Comment	Script No.30003 Start	•	· ·	
Data type	Signed BIN16	Trigger type	OFF, GD31563.b0	
//After reading the	status, start Script No.30003.			
if([b:GB30016] ==	OFF)			
{				
set([b:GB	30001]);			
set([b:GB	30016]);			
}		<b>a</b>		
Script No.	30003	Script name	Script30003	
Comment	B-30003 Parts Display			
Data type	Unsigned BIN16	Trigger type	ON, GB30001	
//Display Parts	//Display Parts			
[w: IMP0020] = 0;				
while([w:TMD0020] < [w:CD40280]) & ([w:CD40280] > 0))				
{				
//Obtain Connection ID				

```
[w:GD31600] = [w:GD40291[w:TMP0020]];
[w:TMP0020] = [w:TMP0020] + 1;
if(([w:GD31600] & 0x0200) == 0)
        set([b:GB30600]);//Output Bit
}else{
        set([b:GB30601]);//Input Bit
}
//Alarm Information
if([w:GD40547] != 0)
{
        [w:TMP0004] = 0;
        while([w:TMP0004] < [w:GD40547])
        {
                 if([w:GD40548[w:TMP0004]] == [w:GD31600])
                 {
                         [w:GD31602] = 1; //Alarm Occurrence
                         break;
                 [w:TMP0004] = [w:TMP0004] + 1;
        }
}
//Error Information
if([w:GD40032] != 0)
{
        [w:TMP0004] = 0;
        while([w:TMP0004] < [w:GD40032])
        {
                 if([w:GD40033[w:TMP0004]] == [w:GD31600])
                 {
                         [w:GD31603] = 1; //Error Occurrence
                         break;
                 [w:TMP0004] = [w:TMP0004] + 1;
        }
}
//Device Parameter
[w:TMP0004] = [w:GD31600] & 0x00FF;
                                          //Offset to Obtain Device Parameter
if([b:GB30600] == ON)
{
        //Output
        [w:TMP0005] = [w:GD40804[w:TMP0004]];
        [w:TMP0012] = [w:TMP0004];
}else{
        //Input
        [w:TMP0005] = [w:GD41060[w:TMP0004]];
        [w:TMP0012] = [w:TMP0004] + 0x0100;
[w:GD31604] = [w:TMP0005] - 0x3000;
//I/O Points Pattern
[w:TMP0006] = [w:GD31604] + 43; //Parameter Offset
[w:TMP0007] = [w:GD41316[w:TMP0006]];
[w:GD31605] = ([w:TMP0007] & 0x00C0) >> 6;
                                                   //0: Input, 1: Output, 2: Combined
[w:GD31606] = ([w:TMP0007] & 0x003F) + 1;
                                                   //Points
```

```
//Module Model Number
        [w:TMP0006] = [w:GD31604] + 44;
        [w:GD35130[w:TMP0012]] = [w:GD41316[w:TMP0006]];
        //ON/OFF Information
        [w:TMP0008] = [w:GD31600] & 0x00FF;
        if([w:GD31605] == 0)
                                 //Input Case
        {
                [w:TMP0004] = 0;
                while([w:TMP0004] < [w:GD31606])
                {
                         [w:TMP0009] = [w:TMP0008] / 16;
                         [w:TMP0010] = [w:TMP0008] % 16;
                         [w:GD33020] = 0x0001;
                         [w:GD33020] = [w:GD33020] << [w:TMP0010];
                         if([w:GD31603] == 1)
                                                  //Check If Error Occurred
                         {
                                 [w:GD31256[w:TMP0008]] = 3;
                                                                  //Error Occurrence & Input ON
                        }else{
                                 if([w:GD31602] == 1)
                                                          //Check If Alarms Occurred
                                 {
                                         [w:GD31256[w:TMP0008]] = 2;
                                                                           //Alarm Occurrence
& Input ON
                                 }else{
                                         [w:GD31256[w:TMP0008]] = 1;
                                                                           //Normal
                                 }
                        }
                         [w:TMP0008] = [w:TMP0008] + 1;
                         [w:TMP0004] = [w:TMP0004] + 1;
                }
        }else{
                if([w:GD31605] == 1)
                                         //Output Case
                {
                         [w:TMP0004] = 0;
                         while([w:TMP0004] < [w:GD31606])
                         {
                                 [w:TMP0009] = [w:TMP0008] / 16;
                                 [w:TMP0010] = [w:TMP0008] % 16;
                                 [w:GD33020] = 0x0001;
                                 [w:GD33020] = [w:GD33020] << [w:TMP0010];
                                 if([w:GD31603] == 1)
                                                          //Check If Error Occurred
                                 {
                                         [w:GD31000[w:TMP0008]] = 3;
                                                                           //Error Occurrence &
Output ON
                                 }else{
                                         if([w:GD31602] == 1)
                                                                  //Check If Alarms Occurred
                                         {
                                                  [w:GD31000[w:TMP0008]] = 2;
                                                                                   //Alarm
Occurrence & Output ON
                                         }else{
                                                  [w:GD31000[w:TMP0008]] = 1;
                                                                                   //Normal
                                         }
                                 }
```

[w:TMP0008] = [w:TMP0008] + 1;[w:TMP0004] = [w:TMP0004] + 1; } }else{ if([w:GD31605] == 2) //Combined Case { [w:TMP0004] = 0;[w:TMP0011] = [w:GD31606] / 2; //lf combined, points are reduced by half. while([w:TMP0004] < [w:TMP0011]) { [w:TMP0009] = [w:TMP0008] / 16; [w:TMP0010] = [w:TMP0008] % 16; [w:GD33020] = 0x0001;[w:GD33020] = [w:GD33020] << [w:TMP0010]; //Output if([w:GD31603] == 1) //Check If Error Occurred { [w:GD31000[w:TMP0008]] = 3; //Error Occurrence & Output ON }else{ if([w:GD31602] == 1) //Check If Alarms Occurred { [w:GD31000[w:TMP0008]] 2; //Alarm Occurrence & Output ON }else{ [w:GD31000[w:TMP0008]] 1; //Normal } } //Input if([w:GD31603] == 1) //Check If Error Occurred { [w:GD31256[w:TMP0008]] = 3; //Error Occurrence & Input ON }else{ if([w:GD31602] == 1) //Check lf Alarms Occurred { [w:GD31256[w:TMP0008]] 2; = //Alarm Occurrence & Input ON }else{ [w:GD31256[w:TMP0008]] 1; = //Normal } } [w:TMP0008] = [w:TMP0008] + 1; [w:TMP0004] = [w:TMP0004] + 1;} } } rst([b:GB30600]); rst([b:GB30601]); //Work Area Clear

	[w:TMP00 fmov([w:T	04] = 0; MP0004],[w:GD31600],5);		
}				
//Display if([w:GD	y Cursor 62000] ==	30004)		
ł	//Output [w:GD315 [w:GD315 [w:GD315 [w:GD320	20] = 0; //Left Right 21] = 0; //Up Down 22] = [w:GD31520] + [w:GD 08] = [w:GD31522]; //0	31521]; Cursor Position Dis	splay
	if([w:GD3 <sup>,</sup> { ['	1000[w:GD31522]] < 4) w:GD31000[w:GD31522]] =	[w:GD31000[w:GE	031522]] + 4;
}else{	} //Input [w:GD315 [w:GD315 [w:GD315 [w:GD320	20] = 256; //Left Right 21] = 0; //Up Down 22] = [w:GD31520] + [w:GD 08] = [w:GD31522] - 256; //0	31521]; Cursor Position Dis	splay
	if([w:GD3^ { [ <sup>1</sup>	1000[w:GD31522]] < 4) w:GD31000[w:GD31522]] =	[w:GD31000[w:GE	)31522]] + 4;
}	}			
rst([b:GI	B30001]);		-	
Script N	0.	<u>30021</u>	Script name	Script30021
Comme	nt	FIAOS CIEAR		
Data tur	<u> </u>	Signed DIN16	Trigger type	When clearing a coroon
Data typ //Clear F rst([b:GF rst([b:GF rst([b:GF	be Flags B30006]); B30007]); B30003]);	Signed BIN16	Trigger type	When closing a screen
Data typ //Clear F rst([b:GF rst([b:GF rst([b:GF fmov([w fmov([w fmov([w fmov([w fmov([w fmov([w	De Flags B30006]); B30007]); B30003]); B30003]); CO004] = 0; CTMP0004] CTMP0004] CTMP0004] CO08] = 0; //	Signed BIN16 ,[w:GD31000],512); //I ,[w:GD31520],3); //0 ,[w:GD31600],8); //N 'Cursor Position Information	Trigger type nitialize Object Va Clear Cursor Positi Vork Area Clear Clear(B-30003,4)	When closing a screen ues(B-30003, 4) on Information(B-30003,4)
Data typ //Clear F rst([b:GF rst([b:GF rst([b:GF [w:TMP0 fmov([w fmov([b] fmov([w fmov([b] fmov([w fmov([b] fmov([b] fmov([w fmov([b] fmov([b] fmo	De Flags B30006]); B30007]); B30003]); B30003]); CO04] = 0; CTMP0004] CTMP0004] CTMP0004] CO08] = 0; COVerlap Wi COVerlap Wi COVerlap Wi COVerlap Wi COVER = 0; CO04] = 0; CO07] = 0;	Signed BIN16 ,[w:GD31000],512); //I ,[w:GD31520],3); //0 ,[w:GD31600],8); //N 'Cursor Position Information ndow	Trigger type nitialize Object Va Clear Cursor Positi Vork Area Clear Clear(B-30003,4)	When closing a screen ues(B-30003, 4) on Information(B-30003,4)
Data typ //Clear F rst([b:GF rst([b:GF rst([b:GF rst([b:GF (w:TMP( fmov([w] fmov([w] fmov([	De Flags B30006]); B30007]); B30003]); B30003]); Contemp 0; Contemp 0; Contem	Signed BIN16 [w:GD31000],512); //I [w:GD31520],3); //0 [w:GD31600],8); //0 (Cursor Position Information ndow 30017	Trigger type	When closing a screen ues(B-30003, 4) on Information(B-30003,4) Script30017
Data typ //Clear F rst([b:GF rst([b:GF rst([b:GF fmov([w] fmov([w	be Flags B30006]); B30007]); B30003]); B30003]); CO004] = 0; CTMP0004] CTMP0004] CTMP0004] CO08] = 0; CO08] = 0; CO07] =	Signed BIN16	Trigger type	When closing a screen ues(B-30003, 4) on Information(B-30003,4) Script30017
Data typ //Clear F rst([b:GF rst([b:GF rst([b:GF rst([b:GF fmov([w] fmov([w]	De         Flags         Flags         B30006]);         B30007]);         B30003]);         D004] = 0;         :TMP0004]         :TMP0004]         :TMP0004]         2008] = 0; //         Overlap Wi         2004] = 0;         2004] = 0;         2004] = 0;         2004] = 0;         2004] = 0;         2004] = 0;         0.         nt         De         v       Detail Info	Signed BIN16 Signed BIN16 ,[w:GD31000],512); //I ,[w:GD31520],3); //Q ,[w:GD31600],8); //A (Cursor Position Information ndow 30017 B-30003 Detail Screen Disp Unsigned BIN16 umation Screen of Cursor P	Trigger type          Trigger type         nitialize Object Va         Clear Cursor Positi         Nork Area Clear         Clear(B-30003,4)         Script name         Dlay         Trigger type	When closing a screen ues(B-30003, 4) on Information(B-30003,4) Script30017 ON, GB30002
Data typ //Clear F rst([b:GF rst([b:GF rst([b:GF rst([b:GF fmov([w]) fmov([w fmov([w fmov([w fmov([w]) fmov([w]	be Flags Flags B30006]); B30007]); B30003]); D004] = 0; :TMP0004] :TMP0004] :TMP0004] :TMP0004] 2008] = 0; // Overlap Wi 2008] = 0; // Overlap Wi 2007] = 0; 2007] = 0; 0. nt be y Detail Info Temporary 31522] < 2	Signed BIN16 Signed BIN16 ,[w:GD31000],512); //I ,[w:GD31520],3); //Q ,[w:GD31600],8); //N 'Cursor Position Information ndow 30017 B-30003 Detail Screen Disp Unsigned BIN16 ormation Screen of Cursor Pa ID 56)	Trigger type Itialize Object Va Clear Cursor Positi Nork Area Clear Clear(B-30003,4) Script name Slay Trigger type Sition	When closing a screen ues(B-30003, 4) on Information(B-30003,4) Script30017 ON, GB30002

```
[w:TMP0000] = [w:GD31522] - 256; //Input ID
}
if([w:GD31000[w:GD31522]] > 4) //Judge whether a module exists in the cursor position.
{
        if([w:GD31522] < 256)
        ł
                 //Output
                 [w:TMP0002] = [w:TMP0000];
                 while([w:TMP0002] \ge 0)
                 {
                         if([w:GD31000[w:TMP0002]] != 0)
                         {
                                  //Output
                                  [w:TMP0001] = 0;
                                  while([w:TMP0001] < [w:GD40290]) //Repeat
                                                                              the
                                                                                    Number
                                                                                              of
Connection ID Counts
                                  {
                                          if([w:GD40291[w:TMP0001]]
                                                                                   [w:TMP0002])
        //Judge ID
                                          {
                                                   set([b:GB30009]);//ID Match Flag
                                                   break;
                                          }else{
                                                   [w:TMP0001] = [w:TMP0001] + 1;
                                          }
                                  }
                                  //Combined Output Side Case
                                  if([b:GB30009] == OFF)
                                  {
                                          [w:TMP0001] = 0;
                                          while([w:TMP0001] < [w:GD40290]) //Repeat the Number
of Connection ID Counts
                                          {
                                                   if([w:GD40291[w:TMP0001]] == ([w:TMP0002] +
0x0200))//Judge ID
                                                   {
                                                           //Judge whether the matched ID is that
of a combined module or not.
                                                           [w:TMP0010]
                                                                                               =
[w:GD41060[w:TMP0002]];
                                 //Parameter Top Address
                                                           [w:TMP0011] = [w:TMP0010] - 0x3000;
                                                           [w:TMP0012]
[w:GD41359[w:TMP0011]];
                                                           if((([w:TMP0012] & 0x00C0) >> 6) ==
2)
                                                           {
                                                                    set([b:GB30009]);//ID Match
Flag
                                                                    set([b:GB30020]);//Combined
Output Flag
                                                                    break;
                                                           [w:TMP0001] = [w:TMP0001] + 1;
                                                   }else{
                                                           [w:TMP0001] = [w:TMP0001] + 1;
                                                  }
```

} if([b:GB30009] == ON)//lf matched, exit loop. { break; }else{ //If No Connected Devices break; } [w:TMP0002] = [w:TMP0002] - 1; } }else{ //Input [w:TMP0002] = [w:TMP0000]; while( $[w:TMP0002] \ge 0$ ) { [w:GD65535] = [w:TMP0002]; [w:TMP0001] = 0; while([w:TMP0001] < [w:GD40290])//Repeat the Number of Connection ID Counts { if([w:GD40291[w:TMP0001]] == ([w:TMP0002] + 0x0200)) //Judge ID { set([b:GB30009]);//ID Match Flag break; }else{ [w:TMP0001] = [w:TMP0001] + 1;} } if([b:GB30009] == ON) //If matched, exit loop. { break; } [w:TMP0002] = [w:TMP0002] - 1; } } //If matched, display screen. if([b:GB30009] == ON) { if([w:GD31522] < 256) { if([b:GB30020] == OFF) { //Output [w:GD31567] = [w:GD40804[w:TMP0002]]; //Offset [w:TMP0003] = [w:TMP0002]; [w:TMP0004] = [w:TMP0002]; }else{ //If combined, refer to the input side. [w:GD31567] = [w:GD41060[w:TMP0002]]; //Offset [w:TMP0003] = [w:TMP0002] + 0x0200;

```
[w:TMP0004] = [w:TMP0002] + 0x0100;
        }
}else{
        //Input
        [w:GD31567] = [w:GD41060[w:TMP0002]]; //Offset
        [w:TMP0003] = [w:TMP0002] + 0x0200;
        [w:TMP0004] = [w:TMP0002] + 0x0100;
}
[w:U03-G10320] = 0;
                         //Read Individual Parameter
[w:U03-G10321] = [w:TMP0003];
                                //Read Target ID
//Select base screen to display.
switch([w:GD35130[w:TMP0004]])
{
        case 0x0100:
                         [w:GD62000] = 30006;
                                          break:
        case 0x0101:
                         [w:GD62000] = 30006;
                                          break:
        case 0x0102:
                         [w:GD62000] = 30008;
                                          break;
        case 0x0103:
                         [w:GD62000] = 30008;
                                          break;
        case 0x0104:
                         [w:GD62000] = 30007;
                                          break;
        case 0x0105:
                         [w:GD62000] = 30007;
                                          break;
        case 0x0106:
                         [w:GD62000] = 30009;
                                          break;
        case 0x0107:
                         [w:GD62000] = 30009;
                                          break;
        case 0x0400:
                         [w:GD62000] = 30006;
                                          break;
        case 0x0401:
                         [w:GD62000] = 30006;
                                          break;
        case 0x0402:
                         [w:GD62000] = 30008;
                                          break:
        case 0x0403:
                         [w:GD62000] = 30008;
                                          break:
        case 0x0404:
                         [w:GD62000] = 30007;
                                          break:
        case 0x0405:
                         [w:GD62000] = 30007;
                                          break;
        case 0x0406:
                         [w:GD62000] = 30009;
                                          break;
        case 0x0407:
                         [w:GD62000] = 30009;
```

	break;
case 0x0700:	[w:GD62000] = 30006; break;
case 0x0701:	[w:GD62000] = 30006; break;
case 0x0702:	[w:GD62000] = 30008; break;
case 0x0703:	[w:GD62000] = 30008; break;
case 0x0704:	[w:GD62000] = 30007; break;
case 0x0705:	[w:GD62000] = 30007; break;
case 0x0706:	[w:GD62000] = 30009; break;
case 0x0707:	[w:GD62000] = 30009; break;
case 0x1000:	[w:GD62000] = 30010; break;
case 0x1050:	[w:GD62000] = 30010; break;
case 0x1200:	[w:GD62000] = 30011; break;
case 0x1250:	[w:GD62000] = 30011; break;
case 0x1400:	[w:GD62000] = 30012; break;
case 0x1450:	[w:GD62000] = 30012; break;
case 0x2000:	[w:GD62000] = 30013; break;
case 0x2300:	[w:GD62000] = 30014; break;
case 0x2301:	[w:GD62000] = 30014; break;
case 0x2302:	[w:GD62000] = 30015; break;
case 0x2303:	[w:GD62000] = 30016; break;
case 0x2600:	[w:GD62000] = 30017; break;

case 0x2900: [w:GD62000] = 30018; break; case 0xA000: [w:GD62000] = 30019; break; case 0xA001: [w:GD62000] = 30019; break; case 0xA300: [w:GD62000] = 30019; break; case 0xA301: [w:GD62000] = 30019; break; case 0xA600: [w:GD62000] = 30019; break; case 0xA601: [w:GD62000] = 30019; break; default: break; } } //Flag Reset rst([b:GB30009]); rst([b:GB30020]); } rst([b:GB30002]); Script No. 30012 Script name Script30012 Coordinate Calculation(Input) \*1 Comment Data type Signed BIN16 Trigger type Ordinary //Determine the cursor position from the touched coordinate. if((([w:TMP0120] != [w:GS654]) || ([w:TMP0121] != [w:GS655])) && (([w:GS654] > Input\_X) &&  $([w:GS655] > Input_Y))$ && (([w:GS654] < Frame\_X) && ([w:GS655] < Frame\_Y))) { [w:TMP0120] = [w:GS654]; [w:TMP0121] = [w:GS655]; if(([b:GD31562.b0] == OFF) && ([b:GB30001] == OFF)) //Save Current Cursor Position [w:TMP0122] = [w:GD31522]; //X Coordinate //Change values to subtract depending on whether input or output. //Input [w:TMP0123] = [w:TMP0120] - Input X; [w:TMP0124] = [w:TMP0123] / Object\_X; [w:GD31520] = (16 - ([w:TMP0124] + 1)) + 256;//Y Coordinate [w:TMP0125] = [w:TMP0121] - Input\_Y; [w:TMP0126] = [w:TMP0125] / Object\_Y; [w:GD31521] = [w:TMP0126] \* 16;

//Offset [w:GD315	//Offset [w:GD31522] = [w:GD31520] + [w:GD31521];			
//If the offset position does not change, displayed parts do not change. if([w:TMP0122] != [w:GD31522]) {				
۲ ۲ ۲	//Cursor Display if([w:GD31000[w:GD31522]] < 4) {			
}	[w:GD31000[w:GD31522]] = [w:GD31000[w:GD31522]] + 4; }			
/ i	/Cursor Delete f([w:GD31000[w:TMP0122]] <	4)		
1	[w:GD31000[w:TMP0 <sup>-</sup>	122]] = 0;		
	[w:GD31000[w:TMP01	122]] = [w:GD310	000[w:TMP0122]] - 4;	
}				
[w:GD320 }	008] = [w:GD31522] - 256; //Cu	rsor Position Dis	play	
Script No.	30013	Script name	Script30013	
Comment	Cursor Display(To Left)(Input)	)		
Data type	Signed BIN16	Trigger type	Rise, GB30010	
Script No.	30018 Cureer Display/Ta Dight)/Ippl	Script name	Script30018	
Data type	Signed BIN16	Trigger type	Rise GB30011	
//Control Parts Disi	plav	Thgger type		
//Calculate Cursor [w:TMP0020] = [w:	Position GD31522]; //Evacuate P	revious Cursor P	osition	
if([w:GD31520] == {	256)			
[w:GD315	520] = 271;			
}else{ [w:GD31520] = [w:GD31520] -1; }				
[w:TMP0000] = [w:GD31520];				
[w:GD31522] = [w:TMP0000] + [w:GD31521]; //Offset				
if([w:GD31000[w:T {	MP0020]] >= 4)			
[w:GD310 }else{	000[w:TMP0020]] = [w:GD310	000[w:TMP0020]	-4;	
[w:GD310	000[w:TMP0020]] = 0;			
[w:GD31000[w:GD	31522]] = [w:GD31000[w:GD3	1522]] + 4;		
[w:GD32008] = [w:	GD31522] - 256; //Cursor Posi	ition Display		
Script No.	30022	Script name	Script30022	
Comment	24/15	51	BCN-P5999-011	19

Data type	Signed BIN16	Trigger type	Rise, GB30012	
//Control Parts Di	splay			
//Calculate Cursc [w:TMP0020] = [v	r Position w:GD31522];  //Evacuat	e Previous Cursor I	Position	
if([w:GD31521] =	= 240)			
{ [w:GD3 <sup>-</sup>	1521] = 0;			
}else{ [w:GD3 <sup>-</sup> ]}	1521] = [w:GD31521] + 16;			
[w:GD31522] = [v	v:GD31520] + [w:GD31521];	//Offset		
if([w:GD31000[w	TMP0020]] >= 4)			
{ [w:GD3]	1000[w:TMP0020]] = [w:GD	031000[w:TMP0020	)]] - 4;	
}eise{ [w:GD3	1000[w:TMP0020]] = 0;			
} [w:GD31000[w:G	D31522]] = [w:GD31000[w:G	GD31522]] + 4;		
[w:GD32008] = [\	v:GD31522] - 256; //Cursor F	Position Display		
Script No.	30036	Script name	Script30036	
Comment	Cursor Display(Up)(Input)			
Data type	Signed BIN16	I rigger type	Rise, GB30013	
//Control Parts Di	spiay			
//Calculate Curso	r Position			
[w:TMP0020] = [v	w:GD31522]; //Evacuat	e Previous Cursor I	Position	
if([w:GD31521] =	= 0)			
{ [w:GD3]	1521] = 240;			
}else{ [w:GD3]	1521] = [w:GD31521] - 16;			
}				
[w:GD31522] = [\	v:GD31520] + [w:GD31521];	//Offset		
if([w:GD31000[w:	TMP0020]] >= 4)			
(w:GD3)	1000[w:TMP0020]] = [w:GE	031000[w:TMP0020	)]] - 4;	
jeise{ [w:GD3]	1000[w:TMP0020]] = 0;			
} [w:GD31000[w:G	} [w:GD31000[w:GD31522]] = [w:GD31000[w:GD31522]] + 4;			
[w:GD32008] = [w:GD31522] - 256; //Cursor Position Display				
*1: [Script Symbol] i	s used. For more details abo	ut [Script Symbol],	please refer to "5.9.4 Script Symbol".	

Base screen 30004

Script No.	30004	Script name	Script30004	
Comment	B-30003 Screen Initialization			
Data type	Signed BIN16	Trigger type	ON, GB40	
if([b:GB30003] == OFF)				
{				
fmov([w:TMP0000],[w:GD31600],10);				

```
[w:TMP0110] = 0; //Initialize Temporary Area for Comparison
        [w:TMP0111] = 0; //Initialize Temporary Area for Comparison
                                  //Obtain Parameters and Display Parts
        set([b:GD31562.b0]);
        set([b:GB30003]);//Turn on the flag not to work when displaying the screen for the second
time or later.
Script No.
                   30008
                                                Script name
                                                                Script30008
Comment
                   Script No.30003 Start
Data type
                  Signed BIN16
                                                                OFF, GD31563.b0
                                                Trigger type
//After reading the status, start Script No.30003.
if([b:GB30016] == OFF)
{
        set([b:GB30001]);
        set([b:GB30016]);
Script No.
                   30003
                                                Script name
                                                                Script30003
Comment
                   B-30003 Parts Display
Data type
                   Unsigned BIN16
                                                Trigger type
                                                                ON, GB30001
//Display Parts
[w:TMP0020] = 0;
while(([w:TMP0020] < [w:GD40289]) && ([w:GD40289] > 0))
{
        //Obtain Connection ID
        [w:GD31600] = [w:GD40291[w:TMP0020]];
        [w:TMP0020] = [w:TMP0020] + 1;
        if(([w:GD31600] \& 0x0200) == 0)
                 set([b:GB30600]);//Output Bit
        }else{
                 set([b:GB30601]);//Input Bit
        }
        //Alarm Information
        if([w:GD40547] != 0)
        {
                 [w:TMP0004] = 0;
                 while([w:TMP0004] < [w:GD40547])
                 {
                          if([w:GD40548[w:TMP0004]] == [w:GD31600])
                          {
                                  [w:GD31602] = 1; //Alarm Occurrence
                                  break;
                          [w:TMP0004] = [w:TMP0004] + 1;
                 }
        }
        //Error Information
        if([w:GD40032] != 0)
        {
                 [w:TMP0004] = 0;
                 while([w:TMP0004] < [w:GD40032])
                 {
                          if([w:GD40033[w:TMP0004]] == [w:GD31600])
                          {
                                  [w:GD31603] = 1; //Error Occurrence
                                  break;
```

```
[w:TMP0004] = [w:TMP0004] + 1;
                }
        }
        //Device Parameter
        [w:TMP0004] = [w:GD31600] \& 0x00FF;
                                                  //Offset to Obtain Device Parameter
        if([b:GB30600] == ON)
        ł
                //Output
                [w:TMP0005] = [w:GD40804[w:TMP0004]];
                [w:TMP0012] = [w:TMP0004];
        }else{
                //Input
                [w:TMP0005] = [w:GD41060[w:TMP0004]];
                [w:TMP0012] = [w:TMP0004] + 0x0100;
        [w:GD31604] = [w:TMP0005] - 0x3000;
        //I/O Points Pattern
        [w:TMP0006] = [w:GD31604] + 43; //Parameter Offset
        [w:TMP0007] = [w:GD41316[w:TMP0006]];
        [w:GD31605] = ([w:TMP0007] & 0x00C0) >> 6;
                                                          //0: Input, 1: Output, 2: Combined
        [w:GD31606] = ([w:TMP0007] \& 0x003F) + 1;
                                                          //Points
        //Module Model Number
        [w:TMP0006] = [w:GD31604] + 44;
        [w:GD35130[w:TMP0012]] = [w:GD41316[w:TMP0006]];
        //ON/OFF Information
        [w:TMP0008] = [w:GD31600] & 0x00FF;
        if([w:GD31605] == 0)
                                 //Input Case
        {
                [w:TMP0004] = 0;
                while([w:TMP0004] < [w:GD31606])
                {
                         [w:TMP0009] = [w:TMP0008] / 16;
                         [w:TMP0010] = [w:TMP0008] % 16;
                         [w:GD33020] = 0x0001;
                         [w:GD33020] = [w:GD33020] << [w:TMP0010];
                         if([w:GD31603] == 1)
                                                  //Check If Error Occurred
                         {
                                 [w:GD31256[w:TMP0008]] = 3;
                                                                   //Error Occurrence & Input ON
                         }else{
                                 if([w:GD31602] == 1)
                                                          //Check If Alarms Occurred
                                 {
                                          [w:GD31256[w:TMP0008]] = 2;
                                                                           //Alarm Occurrence
& Input ON
                                 }else{
                                          [w:GD31256[w:TMP0008]] = 1;
                                                                           //Normal
                                 }
                         }
                         [w:TMP0008] = [w:TMP0008] + 1;
                         [w:TMP0004] = [w:TMP0004] + 1;
                }
        }else{
                if([w:GD31605] == 1)
                                         //Output Case
                                        97/151
                                                                             BCN-P5999-0119
```

{ [w:TMP0004] = 0; while([w:TMP0004] < [w:GD31606]) { [w:TMP0009] = [w:TMP0008] / 16;[w:TMP0010] = [w:TMP0008] % 16; [w:GD33020] = 0x0001;[w:GD33020] = [w:GD33020] << [w:TMP0010]; if([w:GD31603] == 1) //Check If Error Occurred { [w:GD31000[w:TMP0008]] = 3; //Error Occurrence & Output ON }else{ if([w:GD31602] == 1) //Check If Alarms Occurred { [w:GD31000[w:TMP0008]] = 2; //Alarm Occurrence & Output ON }else{ [w:GD31000[w:TMP0008]] = 1; //Normal } } [w:TMP0008] = [w:TMP0008] + 1;[w:TMP0004] = [w:TMP0004] + 1; } }else{ if([w:GD31605] == 2) //Combined Case { [w:TMP0004] = 0; [w:TMP0011] = [w:GD31606] / 2;//lf combined, points are reduced by half. while([w:TMP0004] < [w:TMP0011]) { [w:TMP0009] = [w:TMP0008] / 16; [w:TMP0010] = [w:TMP0008] % 16; [w:GD33020] = 0x0001;[w:GD33020] = [w:GD33020] << [w:TMP0010]; //Output if([w:GD31603] == 1) //Check If Error Occurred { [w:GD31000[w:TMP0008]] = 3; //Error Occurrence & Output ON }else{ if([w:GD31602] == 1) //Check If Alarms Occurred { [w:GD31000[w:TMP0008]] 2; = //Alarm Occurrence & Output ON }else{ [w:GD31000[w:TMP0008]] 1; = //Normal } } //Input if([w:GD31603] == 1) //Check If Error Occurred 98/151 BCN-P5999-0119

{ [w:GD31256[w:TMP0008]] = 3; //Error Occurrence & Input ON }else{ if([w:GD31602] == 1) //Check If Alarms Occurred { [w:GD31256[w:TMP0008]] 2; //Alarm Occurrence & Input ON }else{ [w:GD31256[w:TMP0008]] 1; = //Normal } } [w:TMP0008] = [w:TMP0008] + 1;[w:TMP0004] = [w:TMP0004] + 1;} } } } rst([b:GB30600]); rst([b:GB30601]); //Work Area Clear [w:TMP0004] = 0;fmov([w:TMP0004],[w:GD31600],5); } //Display Cursor if([w:GD62000] == 30004) { //Output [w:GD31520] = 0; //Left Right [w:GD31521] = 0; //Up Down [w:GD31522] = [w:GD31520] + [w:GD31521]; [w:GD32008] = [w:GD31522]; //Cursor Position Display if([w:GD31000[w:GD31522]] < 4) { [w:GD31000[w:GD31522]] = [w:GD31000[w:GD31522]] + 4; } }else{ //Input [w:GD31520] = 256; //Left Right [w:GD31521] = 0; //Up Down [w:GD31522] = [w:GD31520] + [w:GD31521]; [w:GD32008] = [w:GD31522] - 256; //Cursor Position Display if([w:GD31000[w:GD31522]] < 4) { [w:GD31000[w:GD31522]] = [w:GD31000[w:GD31522]] + 4; } } rst([b:GB30001]); Script No. 30001 Script name Script30001 Cursor Display(To Left) Comment Rise, GB30010 Data type Signed BIN16 Trigger type

//Control Parts Display			
//Calculate Cursor Position [w:TMP0020] = [w:GD31522]; //Previous Cursor Position			
if([w:GD31520] == 15) {			
[w:GD31520] = 0; }else{ [w:GD31520] = [w:GD31520] + 1;			
{w.GD31320] - [w.GD31320] - 1, }			
[w:TMP0000] = [w:GD31520];			
[w:GD31522] = [w:TMP0000] + [w:GD31521]; //Offset			
if([w:GD31000[w:TMP0020]] >= 4)			
[w:GD31000[w:TMP0020]] = [w:GD31000[w:TMP0020]] - 4;			
[w:GD31000[w:TMP0020]] = 0;			
, [w:GD31000[w:GD31522]] = [w:GD31000[w:GD31522]] + 4;			
[w:GD32008] = [w:GD31522];       //Cursor Position Display         Script No       30030    Script name Script30030			
Comment Cursor Display/To Right)			
Data type Signed BIN16 Trigger type Rise GB30011			
UControl Parte Dienlay			
//Control Faits Display			
<pre>//Calculate Cursor Position [w:TMP0020] = [w:GD31522]; //Evacuate Previous Cursor Position</pre>			
if([w:GD31520] == 0)			
[w:GD31520] = 15;			
[w:GD31520] = [w:GD31520] -1; }			
[w:TMP0000] = [w:GD31520];			
[w:GD31522] = [w:TMP0000] + [w:GD31521]; //Offset			
if([w:GD31000[w:TMP0020]] >= 4)			
([w.GD31000[w.1MF0020]] >= 4)			
{ [w:GD31000[w:TMP0020]] = [w:GD31000[w:TMP0020]] - 4; }else{			
{			
{ [w:GD31000[w:TMP0020]] = [w:GD31000[w:TMP0020]] - 4; }else{ [w:GD31000[w:TMP0020]] = 0; } [w:GD31000[w:GD31522]] = [w:GD31000[w:GD31522]] + 4;			
{     [w:GD31000[w:TMP0020]] = [w:GD31000[w:TMP0020]] - 4; }else{     [w:GD31000[w:TMP0020]] = 0; } [w:GD31000[w:GD31522]] = [w:GD31000[w:GD31522]] + 4; Script No. 30031 Script name Script30031			
{     [w:GD31000[w:TMP0020]] = [w:GD31000[w:TMP0020]] - 4; }else{     [w:GD31000[w:TMP0020]] = 0; } [w:GD31000[w:GD31522]] = [w:GD31000[w:GD31522]] + 4; Script No. 30031 Script name Script30031 Comment Cursor Display(Down)			
In([w.GD31000[w:TMP0020]]       >= 4)         [w:GD31000[w:TMP0020]]       = [w:GD31000[w:TMP0020]]       - 4;         }else{       [w:GD31000[w:TMP0020]]       = 0;         [w:GD31000[w:GD31522]]       = [w:GD31000[w:GD31522]] + 4;			
In([w.GD31000[w:TMP0020]]       >= 4)         [w:GD31000[w:TMP0020]]       = [w:GD31000[w:TMP0020]]       - 4;         }else{       [w:GD31000[w:TMP0020]]       = 0;         }       [w:GD31000[w:GD31522]] = [w:GD31000[w:GD31522]] + 4;			
Int[w.GD31000[w:TMP0020]]       = [w:GD31000[w:TMP0020]]       - 4;         [w:GD31000[w:TMP0020]]       = 0;         }       [w:GD31000[w:GD31522]] = [w:GD31000[w:GD31522]] + 4;         Script No.       30031       Script name         Script No.       30031       Script name         Data type       Signed BIN16       Trigger type         //Control Parts Display       //Calculate Cursor Position         [w:TMP0020] = [w:GD31522];       //Evacuate Previous Cursor Position			

{	[w:GD31521] = 0:				
}else{	$h_{\rm eff} = h_{\rm eff} = h_{e$				
}	[w:GD31521] = [w:GD31521] + 16;				
[w:GD31	522] = [w:	GD31520] + [w:GD31521	];	//Offset	
if([w:GD {	GD31000[w:TMP0020]] >= 4)				
` }else{	[w:GD31000[w:TMP0020]] = [w:GD31000[w:TMP0020]] - 4;				
}	[w:GD310	000[w:TMP0020]] = 0;			
[w:GD31	000[w:GD	31522]] = [w:GD31000[w:	:GD3′	1522]] + 4;	
[w:GD32	2008] = [w:	GD31522]; //Cursor	Posi	tion Display	
Script N	D.	30032		Script name	Script30032
Doto tur		Cursor Display(Up)		Trigger type	Diag CD20012
//Contro	e Parts Disr	algrieu Bin Io		ringger type	Rise, GB30013
//Control		Jidy			
//Calcula [w:TMP(	ate Cursor 0020] = [w:	Position GD31522];  //Evacua	ate Pr	evious Cursor P	osition
if([w:GD {	31521] ==	0)			
ı }else{	[w:GD315	521] = 240;			
}	[w:GD315	521] = [w:GD31521] - 16;			
[w:GD31	522] = [w:	GD31520] + [w:GD31521	];	//Offset	
if([w:GD {	31000[w:T	MP0020]] >= 4)			
·	[w:GD310	000[w:TMP0020]] = [w:G	D310	00[w:TMP0020]]	] - 4;
}else{	[w:GD310	000[w:TMP0020]] = 0;			
} [w:GD31	000[w.GD	31522]] = [w:GD31000[w	GD3	1522]] + 4 <sup>.</sup>	
Script N	000[W.OD ).	30021	.000	Script name	Script30021
Comme	nt	Flags Clear			
Data typ	е	Signed BIN16		Trigger type	When closing a screen
//Clear F rst([b:GE rst([b:GE rst([b:GE	//Clear Flags rst([b:GB30006]); rst([b:GB30007]); rst([b:GB30003]);				
[w:TMP0004] = 0; fmov([w:TMP0004],[w:GD31000],512); //Initialize Object Values(B-30003, 4) fmov([w:TMP0004],[w:GD31520],3); //Clear Cursor Position Information(B-30003,4) fmov([w:TMP0004],[w:GD31600],8); //Work Area Clear [w:GD32008] = 0; //Cursor Position Information Clear(B-30003,4)					
//Close Overlap Window [w:GD62001] = 0; [w:GD62004] = 0; [w:GD62007] = 0;					
Script N	D.	30017		Script name	Script30017

```
Comment
                  B-30003 Detail Screen Display
                  Unsigned BIN16
                                                               ON, GB30002
Data type
                                               Trigger type
//Display Detail Information Screen of Cursor Position
//Obtain Temporary ID
if([w:GD31522] < 256)
{
        [w:TMP0000] = [w:GD31522];
                                          //Output ID
}else{
        [w:TMP0000] = [w:GD31522] - 256; //Input ID
}
if([w:GD31000[w:GD31522]] > 4) //Judge whether a module exists in the cursor position.
{
        if([w:GD31522] < 256)
        {
                //Output
                 [w:TMP0002] = [w:TMP0000];
                while([w:TMP0002] >= 0)
                {
                         if([w:GD31000[w:TMP0002]] != 0)
                         {
                                 //Output
                                  [w:TMP0001] = 0;
                                 while([w:TMP0001] < [w:GD40290]) //Repeat
                                                                              the
                                                                                    Number
                                                                                              of
Connection ID Counts
                                 {
                                          if([w:GD40291[w:TMP0001]]
                                                                                   [w:TMP0002])
                                                                           ==
        //Judge ID
                                          {
                                                  set([b:GB30009]);//ID Match Flag
                                                  break;
                                          }else{
                                                  [w:TMP0001] = [w:TMP0001] + 1;
                                          }
                                 }
                                 //Combined Output Side Case
                                 if([b:GB30009] == OFF)
                                 {
                                          [w:TMP0001] = 0;
                                          while([w:TMP0001] < [w:GD40290]) //Repeat the Number
of Connection ID Counts
                                          {
                                                  if([w:GD40291[w:TMP0001]] == ([w:TMP0002] +
0x0200))//Judge ID
                                                  {
                                                           //Judge whether the matched ID is that
of a combined module or not.
                                                           [w:TMP0010]
                                                                                               =
[w:GD41060[w:TMP0002]];
                                 //Parameter Top Address
                                                           [w:TMP0011] = [w:TMP0010] - 0x3000;
                                                           [w:TMP0012]
                                                                                               =
[w:GD41359[w:TMP0011]];
                                                           if((([w:TMP0012] & 0x00C0) >> 6) ==
2)
                                                           {
                                                                    set([b:GB30009]);//ID
                                                                                         Match
Flag
```

set([b:GB30020]);//Combined **Output Flag** break; [w:TMP0001] = [w:TMP0001] + 1; }else{ [w:TMP0001] = [w:TMP0001] + 1; } } } if([b:GB30009] == ON) //If matched, exit loop. { break; }else{ //If No Connected Devices break; } [w:TMP0002] = [w:TMP0002] - 1; } }else{ //Input [w:TMP0002] = [w:TMP0000]; while([w:TMP0002] >= 0) { [w:GD65535] = [w:TMP0002]; [w:TMP0001] = 0; while([w:TMP0001] < [w:GD40290])//Repeat the Number of Connection ID Counts { if([w:GD40291[w:TMP0001]] == ([w:TMP0002] 0x0200)) + //Judge ID { set([b:GB30009]);//ID Match Flag break; }else{ [w:TMP0001] = [w:TMP0001] + 1; } } if([b:GB30009] == ON)//If matched, exit loop. { break; } [w:TMP0002] = [w:TMP0002] - 1; } } //If matched, display screen. if([b:GB30009] == ON) { if([w:GD31522] < 256) { if([b:GB30020] == OFF) 103/151 BCN-P5999-0119

```
{
                 //Output
                 [w:GD31567] = [w:GD40804[w:TMP0002]]; //Offset
                 [w:TMP0003] = [w:TMP0002];
                 [w:TMP0004] = [w:TMP0002];
        }else{
                 //If combined, refer to the input side.
                 [w:GD31567] = [w:GD41060[w:TMP0002]]; //Offset
                 [w:TMP0003] = [w:TMP0002] + 0x0200;
                 [w:TMP0004] = [w:TMP0002] + 0x0100;
        }
}else{
        //Input
        [w:GD31567] = [w:GD41060[w:TMP0002]];
                                                 //Offset
        [w:TMP0003] = [w:TMP0002] + 0x0200;
        [w:TMP0004] = [w:TMP0002] + 0x0100;
}
[w:U03-G10320] = 0;
                         //Read Individual Parameter
[w:U03-G10321] = [w:TMP0003];
                                 //Read Target ID
//Select base screen to display.
switch([w:GD35130[w:TMP0004]])
{
        case 0x0100:
                         [w:GD62000] = 30006;
                                          break;
        case 0x0101:
                         [w:GD62000] = 30006;
                                          break;
        case 0x0102:
                         [w:GD62000] = 30008;
                                          break;
        case 0x0103:
                         [w:GD62000] = 30008;
                                          break;
        case 0x0104:
                         [w:GD62000] = 30007;
                                          break;
        case 0x0105:
                         [w:GD62000] = 30007;
                                          break;
        case 0x0106:
                         [w:GD62000] = 30009;
                                          break:
        case 0x0107:
                         [w:GD62000] = 30009;
                                          break;
                         [w:GD62000] = 30006;
        case 0x0400:
                                          break;
        case 0x0401:
                         [w:GD62000] = 30006;
                                          break:
        case 0x0402:
                         [w:GD62000] = 30008;
                                          break;
        case 0x0403:
                         [w:GD62000] = 30008;
                                          break;
                         [w:GD62000] = 30007;
        case 0x0404:
```

	break;
case 0x0405:	[w:GD62000] = 30007; break;
case 0x0406:	[w:GD62000] = 30009; break;
case 0x0407:	[w:GD62000] = 30009; break;
case 0x0700:	[w:GD62000] = 30006; break;
case 0x0701:	[w:GD62000] = 30006; break;
case 0x0702:	[w:GD62000] = 30008; break;
case 0x0703:	[w:GD62000] = 30008; break;
case 0x0704:	[w:GD62000] = 30007; break;
case 0x0705:	[w:GD62000] = 30007; break;
case 0x0706:	[w:GD62000] = 30009; break;
case 0x0707:	[w:GD62000] = 30009; break;
case 0x1000:	[w:GD62000] = 30010; break;
case 0x1050:	[w:GD62000] = 30010; break;
case 0x1200:	[w:GD62000] = 30011; break;
case 0x1250:	[w:GD62000] = 30011; break;
case 0x1400:	[w:GD62000] = 30012; break;
case 0x1450:	[w:GD62000] = 30012; break;
case 0x2000:	[w:GD62000] = 30013; break;
case 0x2300:	[w:GD62000] = 30014; break;
case 0x2301:	[w:GD62000] = 30014; break;

	case 0x2302:	[w:GD62000] = 30015; break;			
	case 0x2303:	[w:GD62000] = 30016; break;			
	case 0x2600:	[w:GD62000] = 30017; break;			
	case 0x2900:	[w:GD62000] = 30018; break;			
	case 0xA000:	[w:GD62000] = 30019; break;			
	case 0xA001:	[w:GD62000] = 30019; break;			
	case 0xA300:	[w:GD62000] = 30019; break;			
	case 0xA301:	[w:GD62000] = 30019; break;			
	case 0xA600:	[w:GD62000] = 30019; break;			
	case 0xA601:	[w:GD62000] = 30019; break;			
}	default:	break;			
//Flag Res rst([b:GB3	set 80009]);				
} }	50020 <u>]</u> );				
rst([b:GB30002]);					
Script No.	30009	Script name Script30009			
Data type	Signed BIN16	Trigger type Ordinary			
//Determine the cur	sor position from the touc	ched coordinate.			
if((([w:TMP0120] != [w:GS654])    ([w:TMP0121] != [w:GS655])) && (([w:GS654] > Input_X) && ([w:GS655] > Input_Y)) && (([w:GS654] < Frame_X) && ([w:GS655] < Frame_Y)))					
۱ [w:TMP01] [w:TMP01]	۱ [w:TMP0120] = [w:GS654]; [w:TMP0121] = [w:GS655];				
if(([b:GD3 {	1562.b0] == OFF) && ([b	:GB30001] == OFF))			
// [\	vSave Current Cursor Pos w:TMP0122] = [w:GD315	sition 522];			
 	<pre>//X Coordinate //Change values to subtract depending on whether input or output.</pre>				



\*1: [Script Symbol] is used. For more details about [Script Symbol], please refer to "5.9.4 Script Symbol".

Script No.         30023         Script name         Script30023           Comment         B-30002_30005 Scr.Start Process         ON, GB40           //Read Statuses or Parameters         iff([w:U03-G8192] = 0)    ((w:U03-G9984] != 0))         (           {         iff([w:U03-G8192] != 0)    ((w:U03-G9984] != 0))         (           {         set([b:GD31562.b0]);         >           >est([b:GB30007]);         >         set([b:GB30007]);           >         set([b:GB30007]);         >           Script No.         30016         Script name         Script30016           Comment         Script No.30015 Start	Base screen 3000	5				
Comment B-30002,30005 Scr.Start Process Data type Signed BIN16 Trigger type ON, GB40 //Read Statuses or Parameters if([b:GB30007] == OFF) {	Script No.	30023		Script name	Script30023	
Data type         Signed BIN16         Trigger type         ON, GB40           //Read Statuses or Parameters         //(ki(Us03G8192] != 0)    ([w:U03-G9984] != 0))         ////////////////////////////////////	Comment	B-30002,30005	Scr.Start Proc	cess		
<pre>//Read Statuses or Parameters if([b:GB30007] == OFF) {     if(((w:U03-G8192] != 0)    ((w:U03-G9984] != 0))     {         set([b:GD31568.b0]);     }else{         set([b:GB30007]);     }     set([b:GB30007]); } Script No. 30016 Script name Script30016 Comment Script No.30015 Start Data type Signed BIN16 Trigger type OFF, GD31563.b0 //After reading the status, start Script No.30015. if([b:GB30016] == OFF) {         set([b:GB30008]);         set([b:GB30008]);         set([b:GB30008]);         set([b:GB30008]);         set([b:GB30016]); } Script No. 30015 Script name Script30015 Comment B-30005 Model and Others Data type Signed BIN16 Trigger type ON, GB30008 //Display Objects (w:TMP0006] = 0; (w:TMP0100] = (w:GD31529]; while([w:GD31526] &lt; 15) {         //Check Connection Status         if(([w:GD31600] = (w:GD40291[w:TMP0100]]; //Connection ID         [w:TMP0100] = [w:GD40291[w:TMP0100]]; //Connection ID         [w:TMP0100] = [w:GD40291[w:TMP0100]; //Connection ID         [w:TMP0100] = [w:GD40291]w:TMP0100] &gt; 9;         set([b:GB30600]);//Juput Bit         [w:GD31600] &amp; 0x0200) &gt;&gt; 9;         set([b:GB30600]);//Juput Bit         [w:GD31600] &amp; 0x0200] &gt;&gt; 9;         }         }         }</pre>	Data type	Signed BIN16		Trigger type	ON, GB40	
<pre>{     set([b:GD31568.b0]);     }else{         set([b:GD31562.b0]);     }     set([b:GB30007]); } Script No. 30016 Script name Script30016 Comment Script No.30015 Start Data type Signed BIN16 Trigger type OFF, GD31563.b0 //After reading the status, start Script No.30015. if([b:GB30016]];     set([b:GB30008]);     set([b:GB30008]);     set([b:GB30008]);     set([b:GB30016]); } Script No. 30015 Script name Script30015 Comment B-30005 Model and Others Data type Signed BIN16 Trigger type ON, GB30008 //Display Objects [w:GD31526] = 0; [w:TMP0006] = 1; [w:TMP0006] = 1; [w:TMP0006] = 1; [w:TMP0100] = [w:GD31529]; while([w:GD31526] &lt; 15) {      //Check Connection Status      if(([w:GD31526] &lt; 15)      [      w:GD31600] = [w:GD40291[w:TMP0100]]; //Connection ID      [w:TMP0100] = [w:GD31600] = [w:GD40290])))      {         [w:GD31600] = [w:GD40291[w:TMP0100]]; //Connection ID      [w:TMP0100] = [w:GD31600] = 0)      {         set([b:GB30600];//Output Bit         [v:GD31600] &amp; 0x0200) &gt;&gt; 9;         set([b:GB30601]); //Input Bit         [w:GD31600] &amp; 0.00000] &gt;&gt; 9;         set([b:GB30600]]; //Input Bit         [w:GD31600] &amp; 0.00000] &gt;&gt;</pre>	//Read Statuses of if([b:GB30007] == { if(([w:U0:	r Parameters OFF) 3-G81921 != 0) II (	[w <sup>.</sup> U03-G9984	41 <b>!=</b> ()))		
<pre>}else{     set([b:GD31562.b0]);     set([b:GB30007]); } Script No. 30016 Script name Script30016 Comment Script No.30015 Start Data type Signed BIN16 Trigger type OFF, GD31563.b0 //After reading the status, start Script No.30015. if([b:GB30016]] == OFF) {     set([b:GB3008]);     set([b:GB3008]);     set([b:GB30016]); } Script No. 30015 Script name Script30015 Comment B-30005 Model and Others Data type Signed BIN16 Trigger type ON, GB30008 //Display Objects [w:GD31526] = 0; [w:TMP0004] = 0; [w:TMP0100] = [w:GD31529]; while([w:GD31526] &lt; 15) {     //Check Connection Status     if(([w:GD31600] = [w:GD40291[w:TMP0100]]; //Connection ID     [w:TMP0100] = [w:GD31600] = [w:GD40291[w:TMP0100]]; //Connection ID     [w:TMP0100] = [w:GD31600] = [w:GD31600] &gt;&gt; 9;     set([b:GB30601]); //Dutput Bit     [w:GD31601] = [(w:GD31600] &amp; 0.00200) &gt;&gt; 9; ]else{     set([b:GB30601]); //Dutput Bit     [w:GD31600] = [w:GD40291] w:TMP0100] &lt; 0; ] </pre>	{	set([b:GD31568.k	p0]);	·]· ·)/		
<pre>} set([b:GB30007]); } Script No. 30016 Script name Script30016 Comment Script No.30015 Start Data type Signed BIN16 Trigger type OFF, GD31563.b0 //After reading the status, start Script No.30015. if([b:GB30016] == OFF) {     set([b:GB30008]);     set([b:GB30016]); } Script No. 30015 Script name Script30015 Comment B-30005 Model and Others Data type Signed BIN16 Trigger type ON, GB30008 //Display Objects w:GD31526] = 0; (w:TMP0006] = 1; (w:TMP0006] = 1; (w:TMP0100] = [w:GD31529]; while([w:GD31526] &lt; 15) {     //Check Connection Status     if(([w:GD31600] = [w:GD40291[w:TMP0100]; //Connection ID     [w:TMP0100] = [w:GD31600] = [w:GD40291[w:TMP0100]; //Connection ID     [w:TMP0100] = [w:GD31600] = [w:GD40291[w:TMP0100]; //Connection ID     [w:TMP0100] = [w:GD31600] &amp; 0x0200) == 0)     {         set([b:GB30600]);//Output Bit         [w:GD31601] = ([w:GD31600] &amp; 0x0200) &gt;&gt; 9; }else{         set([b:GB30601]); //noput Bit         [w:GD31601] = ([w:GD31600] &amp; 0x0200) &gt;&gt; 9; } </pre>	}else{ set([b:GD31562.b0]);					
Script No.         30016         Script name         Script30016           Comment         Script No.30015 Start         Irigger type         OFF, GD31563.b0           //After reading the status, start Script No.30015.         Irigger type         OFF, GD31563.b0           //After reading the status, start Script No.30015.         Irigger type         OFF, GD31563.b0           //After reading the status, start Script No.30015.         Irigger type         OFF, GD31563.b0           //After reading the status, start Script No.30015.         Script No.         30015           Script No.         30015         Script name         Script30015           Comment         B-30005 Model and Others         Data type         Signed BIN16         Trigger type         ON, GB30008           //Display Objects         [w:GD31526] = 0;         [w:TMP0006] = 1;         [w:TMP0100] = [w:GD31529];         while([w:GD31526] < 15) {	} set([b:GB30007]);					
Stript No.         Dot provide         Descript No.           Data type         Signed BIN16         Trigger type         OFF, GD31563.b0           //After reading the status, start Script No.30015.           Script No.           30015           Script name           Script No.           30015           Script No.           Script No.           30015           Script No.           Script No. <td< td=""><td><u>}</u> Script No</td><td>30016</td><td></td><td>Script name</td><td>Script30016</td></td<>	<u>}</u> Script No	30016		Script name	Script30016	
Data type         Signed BIN16         Trigger type         OFF, GD31563.b0           //After reading the status, start Script No.30015.         if([b:GB30016]):         if([b:GB30016]):           set([b:GB30016]):         set([b:GB30016]):         set([b:GB30016]):           Script No.         30015         Script name         Script30015           Comment         B-30005 Model and Others         Data type         Signed BIN16         Trigger type         ON, GB30008           //Display Objects         [w:GD31526] = 0;         [w:TMP0004] = 0;         [w:TMP0006] = 1;         [w:TMP0100] = [w:GD31529];           while([w:GD31526] < 15) {	Comment	Script No 30015	5 Start	Compendante		
Joint Point Status, start Script No.30015.       Image spectrometric products         //After reading the status, start Script No.30015.       if([b:GB30016]] == OFF)         {             set([b:GB30016]);             set([b:GB30016]);             set([b:GB30016]);             Script No. 30015 Script name Script30015 Script No.30015 Script No. 30015 Script No. 30015 Script No. 30015 Script No. 30015 Script name Script30015 Script No. 30015 Script No. 3000200 Script No. 3000 Script No. 30000 Scr	Data type	Signed BIN16	Oldit	Trigger type	OFF_GD31563 b0	
<pre>{     set([b:GB30008]);     set([b:GB30016]); } Script No. 30015 Script name Script30015 Comment B-30005 Model and Others Data type Signed BIN16 Trigger type ON, GB30008 //Display Objects [w:GD31526] = 0; [w:TMP0004] = 0; [w:TMP0006] = 1; [w:TMP0100] = [w:GD31529]; while([w:GD31526] &lt; 15) {     //Check Connection Status     if(([w:GD40290] != 0) &amp;&amp; ([w:TMP0100] &lt; [w:GD40290])))     {         [w:TMP0100] = [w:GD40291[w:TMP0100]]; //Connection ID         [w:TMP0100] = [w:TMP0100] + 1;         if(([w:GD31600] &amp; 0x0200) == 0)         {             set([b:GB30600]); //Output Bit             [w:GD31601] = [[w:GD31600] &amp; 0x0200] &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31601] &gt; 0; //Connection CD400001 &gt; 0;         }         }         }</pre>	<pre>//After reading the status, start Script No.30015. if([b:GB30016] == OFF)</pre>					
Script No.         30015         Script name         Script30015           Comment         B-30005 Model and Others         Data type         Signed BIN16         Trigger type         ON, GB30008           //Display Objects         [w:GD31526] = 0;         [w:TMP0004] = 0;         [w:TMP0006] = 1;         [w:TMP0100] = [w:GD31529];           while([w:GD31526] < 15) {	{ set([b:GE set([b:GE }	330008]); 330016]);				
Comment         B-30005 Model and Others           Data type         Signed BIN16         Trigger type         ON, GB30008           //Display Objects         [w:GD31526] = 0;         [w:TMP0004] = 0;         [w:TMP0006] = 1;           [w:TMP0100] = [w:GD31529];         while([w:GD31526] < 15)	Script No.	30015		Script name	Script30015	
Data type         Signed BIN16         Trigger type         ON, GB30008           //Display Objects         [w:GD31526] = 0;         [w:TMP0004] = 0;         [w:TMP0006] = 1;         [w:TMP0100] = [w:GD31529];           while([w:GD31526] < 15) {	Comment	B-30005 Model	and Others		·	
<pre>//Display Objects [w:GD31526] = 0; [w:TMP0004] = 0; [w:TMP0006] = 1; [w:TMP0100] = [w:GD31529]; while([w:GD31526] &lt; 15) {     //Check Connection Status     if(([w:GD40290] != 0) &amp;&amp; ([w:TMP0100] &lt; [w:GD40290])))     {         [w:GD31600] = [w:GD40291[w:TMP0100]]; //Connection ID         [w:TMP0100] = [w:TMP0100] + 1;         if(([w:GD31600] &amp; 0x0200) == 0)         {             set([b:GB30600]); //Output Bit             [w:GD31601] = ([w:GD31600] &amp; 0x0200) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31601] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31601] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31601] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31601] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31601] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31601] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31601] # 0.000000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31600] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31600] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31600] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31600] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31600] # 0.00000) &gt;&gt; 9;         }else{             set([b:GB30601]); //Input Bit             [w:GD31600] # 0.000000) &gt;&gt; 9;         }else{             [w:GD31600] # 0.00000000000000000000000000000000</pre>	Data type	Signed BIN16		Trigger type	ON, GB30008	
[w:GD31601] = ([w:GD31600] & 0x0200) >> 9; }else{ set([b:GB30601]);//Input Bit	<pre>[w.TMP0100] = [w:GD31529]; while([w:GD31526] &lt; 15) { //Check Connection Status if(([w:GD40290] != 0) &amp;&amp; ([w:TMP0100] &lt; [w:GD40290])) { [w:GD31600] = [w:GD40291[w:TMP0100]]; //Connection ID [w:TMP0100] = [w:TMP0100] + 1; if(([w:GD31600] &amp; 0x0200) == 0) { set([b:GB306001): //Output Bit</pre>					
[w:GD31601] = ([w:GD31600] & 0x0200) >> 9; }		[w:GD31601] = ([w:GD31600] & 0x0200) >> 9; }else{ set([b:GB30601]);//Input Bit [w:GD31601] = ([w:GD31600] & 0x0200) >> 9; }				
//Offset [w:TMP0000] = [w:GD31600] & 0x00FF;						
if(([w:GD31600] & 0x0200) == 0) {						

//Input


	if([w:GD31603] == 1)
//Display	{ [w:GD31665[w:GD31526]] = 3; //Error Occurrence [w:GD35032[w:GD31526]] = [w:GD31601]; //I/O [w:GD35064[w:GD31526]] = [w:GD31600] & 0x00FF; //ID [w:GD31649[w:GD31526]] = [w:GD31600]; [w:GD35643] = [w:GD35643]   ([w:TMP0006] << [w:GD31526]); Conditions
, Bioplay	
	}else{ if([w:GD31602] == 1)
//Display	{     [w:GD31665[w:GD31526]] = 2; //Alarm Occurrence     [w:GD35032[w:GD31526]] = [w:GD31601]; //I/O     [w:GD35064[w:GD31526]] = [w:GD31600] & 0x00FF; //ID     [w:GD31649[w:GD31526]] = [w:GD31600];     [w:GD35643] = [w:GD35643]   ([w:TMP0006] << [w:GD31526]);
//Display	}else{
	[w:GD31665[w:GD31526]] = 1; //Normal [w:GD35032[w:GD31526]] = [w:GD31601]; //I/O [w:GD35064[w:GD31526]] = [w:GD31600] & 0x00FF; //ID [w:GD31649[w:GD31526]] = [w:GD31600]; $[w:GD31633[w:GD31526]] = 0;$ // $ZT - \varphi Z$ [w:GD35643] = [w:GD35643]   ([w:TMP0006] << [w:GD31526]);
//Display	Conditions
	} }
	[w:GD31526] = [w:GD31526] + 1; rst([b:GB30600]); //Output Bit rst([b:GB30601]); //Input Bit
	//Work Area Clear [w:TMP0004] = 0; fmov([w:TMP0004],[w:GD31600],5);
}else{	//If data does not exist, do not display. [w:GD31665[w:GD31526]] = 0xFFFF; [w:GD35032[w:GD31526]] = 0xFFFF; [w:GD35064[w:GD31526]] = 0xFFFF; [w:GD31617[w:GD31526]] = 0xFFFF; [w:GD31649[w:GD31526]] = 0x7FFE; [w:GD31633[w:GD31526]] = 24219;
Conditions	[w:GD35643] = [w:GD35643] ^ ([w:TMP0006] << [w:GD31526]); //Display
Conditions	[w:GD31526] = [w:GD31526] + 1; rst([b:GB30600]); //Output Bit rst([b:GB30601]); //Input Bit
}	
//Trigger Reset rst([b:GB30008]):	
Script No.	30021 Script name Script30021
Comment	Flags Clear
Data type	Signed BIN16 Trigger type When closing a screen

//Clear Flags rst([b:GB30006]); rst([b:GB30007]); rst([b:GB30003]);				
[w:TMP0004] = 0; fmov([w:TMP0004] fmov([w:TMP0004] fmov([w:TMP0004] [w:GD32008] = 0; /	],[w:GD31000],512); //Ini ],[w:GD31520],3); //Cl ],[w:GD31600],8); //Wo /Cursor Position Information C	tialize Object Val ear Cursor Positi ork Area Clear lear(B-30003,4)	ues(B-30003, 4) on Information(B-30003,4)	
//Close Overlap W [w:GD62001] = 0; [w:GD62004] = 0; [w:GD62007] = 0;	indow			
Script No.	30024	Script name	Script30024	
Comment	Previous Page			
Data type	Signed BIN16	Trigger type	Rise, GB30014	
if([w:GD31529] > 0 { [w:GD315 [w:GD315 set([b:GB	)) 529] = [w:GD31529] - 15; 30008]);			
Script No.	30025	Script name	Script30025	
Comment	Next Page			
Data type	Signed BIN16	Trigger type	Rise, GB30015	
if((([w:GD31529] + { [w:GD315 set([b:GB }	15) < [w:U03-G8960]) && ([w: 529] = [w:GD31529] + 15; 30008]);	U03-G8960] > 1	5))	
Script No.	30034	Script name	Script30034	
Comment	B-30005 Detail Screen Displa	ay		
Data type	Unsigned BIN16	Trigger type	ON, GB30018	
//Determine detail [w:TMP0000] = [w:	screen to display. GD31523] & 0x00FF;			
If((([W:GD31523] &	(0x0200) >> 8) == 0)			
//Output [w:GD315	567] = [w:GD40804[w:TMP000	0]]; //Offset		
jeise{ //Input				
[w:GD31567] = [w:GD41060[w:TMP0000]]; //Offset }				
[w:U03-G10320] = 0; //Read Individual Parameter [w:U03-G10321] = [w:GD31523]; //Read Target ID				
//Select base scree switch([w:GD3509 {	en to display. 6[w:GD31528]])			
case 0x0	100: [w:GD62000] = 30006 brea	); ak;		
case 0x0 <sup>-</sup>	101: [w:GD62000] = 30006 brea	); ak;		

	112/151	BCN-P5999-0119
case 0x0706:	[w:GD62000] = 30009;	
case 0x0705:	[w:GD62000] = 30007; break;	
case 0x0704:	[w:GD62000] = 30007; break;	
case 0x0703:	[w:GD62000] = 30008; break;	
case 0x0702:	[w:GD62000] = 30008; break;	
case 0x0701:	[w:GD62000] = 30006; break;	
case 0x0700:	[w:GD62000] = 30006; break;	
case 0x0407:	[w:GD62000] = 30009; break;	
case 0x0406:	[w:GD62000] = 30009; break;	
case 0x0405:	[w:GD62000] = 30007; break;	
case 0x0404:	[w:GD62000] = 30007; break;	
case 0x0403:	[w:GD62000] = 30008; break;	
case 0x0402:	[w:GD62000] = 30008; break;	
case 0x0401:	[w:GD62000] = 30006; break;	
case 0x0400:	[w:GD62000] = 30006; break;	
case 0x0107:	[w:GD62000] = 30009; break;	
case 0x0106:	[w:GD62000] = 30009; break;	
case 0x0105:	[w:GD62000] = 30007; break;	
case 0x0104:	[w:GD62000] = 30007; break;	
case 0x0103:	[w:GD62000] = 30008; break;	
case 0x0102:	[w:GD62000] = 30008; break;	

	break;
case 0x0707:	[w:GD62000] = 30009; break;
case 0x1000:	[w:GD62000] = 30010; break;
case 0x1050:	[w:GD62000] = 30010; break;
case 0x1200:	[w:GD62000] = 30011; break;
case 0x1250:	[w:GD62000] = 30011; break;
case 0x1400:	[w:GD62000] = 30012; break;
case 0x1450:	[w:GD62000] = 30012; break;
case 0x2000:	[w:GD62000] = 30013; break;
case 0x2300:	[w:GD62000] = 30014; break;
case 0x2301:	[w:GD62000] = 30014; break;
case 0x2302:	[w:GD62000] = 30015; break;
case 0x2303:	[w:GD62000] = 30016; break;
case 0x2600:	[w:GD62000] = 30017; break;
case 0x2900:	[w:GD62000] = 30018; break;
case 0xA000:	[w:GD62000] = 30019; break;
case 0xA001:	[w:GD62000] = 30019; break;
case 0xA300:	[w:GD62000] = 30019; break;
case 0xA301:	[w:GD62000] = 30019; break;
case 0xA600:	[w:GD62000] = 30019; break;
case 0xA601:	[w:GD62000] = 30019; break;

default:

break;

rst([b:GB30018]);

}

# Base screen 30006 to 30019

Script No.	30027	Script name	Script30027			
Comment	Parameter Display					
Data type	Signed BIN16	Trigger type	ON, GB40			
if([b:GB30017] ==	OFF)					
{ //Error Ini if([w:GD4	formation 10032] != 0)					
ì	[w:TMP0000] = 0; while([w:TMP0000] < [w:GD40032])					
	، if([w:GD40033[w:TMP ر	0000]] == [w:U0	3-G10321])			
	set([b:GB300 break;	128]);//Error Occ	urrence Flag			
	} [w:TMP0000] = [w:TM	P0000] + 1;				
}	1					
if([b:GB3 {	0028] == ON)					
	//If errors occurred, read the mo set([b:GD31564.b0]);	ost recently read	settings.			
}else{	//If errors are not occurred, write set([b:Y40]);	e the latest infor	mation.			
} [w:GD310 set([b:GE	681] = 1; //Specify Start Line of 330017]);	Processing Meth	nod			
}	- 2004.4		0			
Script No.	30014	Script name	Script30014			
	Parameter Access Elloi	Trigger type				
//Processing after if([w:U03-G10320]	Reading Parameters Individual	ly ly	ON, Y40			
{ set([b:GE کواچو{	30024]);//Read Flag					
set([b:GE	330025]);//Write Flag					
if([b:X42] == ON)						
{ }else{	[w:GD62007] = 30004; rst([b:GB30024]); rst([b:GB30025]); rst([b:Y40]);					
if([b:X41]	== ON)					
	rst([b:GB30024]); rst([b:GB30025]);					

5	set([b:GB30026]);				
r	rst([b:Y40]);				
}					
Script No	30026	Script name	Script30026		
Comment	Module Model No. Correct	Conpendine	00000020		
Data type	Signed BIN16	Trigger type	OFF, GD31565.b0		
if([b:GB30021] ==	OFF)		· ·		
{					
//Convert	Module Model Number Into De	ecimal Number			
	J00] = [W:GD53629] & 0X000F;	//Ones Digi	l Ionthe Digit		
	001] = (([w:GD53629] & 0.001))	0) >> 4)   10,  //1 0) >> 8) * 100·//F	lundreds Digit		
[w:TMP00	[003] = (([w:GD53629] & 0xF00])	(0) >> 12) * 1000;	//Thousands Digit		
[w:GD316	607] = [w:TMP0000] + [w:TMP0	) 0001] + [w:TMP0	002] + [w:TMP0003];		
set([b:GB	30019]);				
set([b:GB	30021]);				
} Script No	30037	Script name	Script30037		
Comment	Flags Clear(Detail Screen)	Script name	Schpt30037		
Data type	Signed BIN16	Trigger type	When closing a screen		
//Clear Flags	· • •		· <b>×</b>		
rst([b:GB30006]);					
rst([b:GB30007]);					
rst([b:GB30003]);					
rst([b:GB30016]):					
rst([b:GB30017]);					
rst([b:GB30021]);					
rst([b:GB30028]);					
[w:TMP0004] = 0;					
fmov([W:TMP0004]	,[W:GD31000],512); //Ini	tialize Object Val	ues(B-30002)		
	,,[w.GD31000],17), //wo	ork Area Clear			
//Close Overlap Window					
[w:GD62001] = 0;					
[w:GD62004] = 0;					
[w:GD62007] = 0;	1		-		
Script No.	30038	Script name	Script30038		
Comment Dete type	Nodule Detail Into Display	Trigger type	ON 6830010		
//Display Detail Info	Signed Bin to	Thgger type	ON, GB30019		
	Simation				
//Work Area Clear					
[w:TMP0004] = 0;					
tmov([w:1MP0004],[w:GD31600],7);					
(Alorn Information					
$i/A_{1}$ information if ( $i_{W} = GD405471$ )= 0)					
וו([w.סט+סט+7] != ס) {					
[w:TMP0004] = 0;					
while([w:1	while([w:TMP0004] < [w:GD40547])				
	T([w:GD40548[w:1MP0004]] ==	= [w:GD53604])			
[w:GD31602] = 1; //Alarm Occurrence					

```
if(([w:U03-G10256] !=
                                                 305)
                                                        &&
                                                              (([w:U03-G10256] !=
                                                                                      304)
                                                                                            &&
(([w:U03-G10256] < 200) || ([w:U03-G10256] > 202))))
                                 [w:GD31608] = [w:U03-G10256];
                         }else{
                                 [w:GD31608] = [w:GD53624];
                         break;
                [w:TMP0004] = [w:TMP0004] + 1;
        }
}
//Error Information
if([w:GD40032] != 0)
{
        [w:TMP0004] = 0;
        while([w:TMP0004] < [w:GD40032])
        {
                if([w:GD40033[w:TMP0004]] == [w:GD53604])
                {
                         [w:GD31603] = 1; //Error Occurrence
                         if(([w:U03-G10256] !=
                                                  305)
                                                         &&
                                                              (([w:U03-G10256]
                                                                                       304)
                                                                                              ==
(([w:U03-G10256] >= 200) && ([w:U03-G10256] <= 202))))
                         ł
                                 [w:GD31608] = [w:U03-G10256];
                         }else{
                                 [w:GD31608] = [w:GD53624];
                         }
                         break:
                [w:TMP0004] = [w:TMP0004] + 1;
        }
}
//Device Parameter
//I/O Points Pattern
[w:GD31605] = ([w:GD53628] & 0x00C0) >> 6;
                                                  //0: Input, 1: Output, 2: Combined
[w:GD31606] = ([w:GD53628] \& 0x003F) + 1;
                                                  //Points
//ON/OFF Information
[w:TMP0008] = 0;
[w:TMP0000] = [w:GD53604] & 0x00FF;
if([w:GD31605] == 0)
                         //Input Case
{
        [w:TMP0004] = 0;
        while([w:TMP0004] < [w:GD31606])
        {
                 [w:TMP0009] = [w:TMP0000] / 16;
                 [w:TMP0010] = [w:TMP0000] % 16;
                 [w:GD31682[w:TMP0008]] = [w:TMP0009];
                 [w:TMP0012] = 0x0001;
                 [w:GD31990[w:TMP0008]] = [w:TMP0012] << [w:TMP010];
                 if([w:GD31603] == 1)
                                         //Check If Error Occurred
                {
                         [w:GD31609[w:TMP0008]] = 3;
                                                           //Error Occurrence
                }else{
                         if([w:GD31602] == 1)
                                                  //Check If Alarms Occurred
                                        116/151
                                                                             BCN-P5999-0119
```

{ [w:GD31609[w:TMP0008]] = 2; //Alarm Occurrence }else{ [w:GD31609[w:TMP0008]] = 1; //Normal [w:GD31608] = 0; } } [w:TMP0000] = [w:TMP0000] + 1;[w:TMP0008] = [w:TMP0008] + 1; [w:TMP0004] = [w:TMP0004] + 1; } }else{ if([w:GD31605] == 1) //Output Case { [w:TMP0004] = 0; while([w:TMP0004] < [w:GD31606]) { [w:TMP0009] = [w:TMP0000] / 16; [w:TMP0010] = [w:TMP0000] % 16; [w:GD31682[w:TMP0008]] = [w:TMP0009] + 4096; [w:TMP0012] = 0x0001;[w:GD31990[w:TMP0008]] = [w:TMP0012] << [w:TMP010]; if([w:GD31603] == 1) //Check If Error Occurred { [w:GD31609[w:TMP0008]] = 3; //Error Occurrence }else{ if([w:GD31602] == 1) //Check If Alarms Occurred { [w:GD31609[w:TMP0008]] = 2; //Alarm Occurrence }else{ [w:GD31609[w:TMP0008]] = 1; //Normal [w:GD31608] = 0; } } [w:TMP0000] = [w:TMP0000] + 1; [w:TMP0008] = [w:TMP0008] + 1; [w:TMP0004] = [w:TMP0004] + 1;} }else{ if([w:GD31605] == 2) //Combined Case { [w:TMP0004] = 0;[w:TMP0011] = [w:GD31606] / 2; //If combined, points are reduced by half. while([w:TMP0004] < [w:TMP0011]) { [w:TMP0009] = [w:TMP0000] / 16; [w:TMP0010] = [w:TMP0000] % 16; //Output [w:GD31682[w:TMP0008]] = [w:TMP0009] + 4096; [w:TMP0012] = 0x0001;[w:GD31990[w:TMP0008]] = [w:TMP0012] << [w:TMP010];

		if([w:GD	)31603] =	== 1) //	Check If Error	Occurred	
			[w:GD3	31609[w:TMF	P0008]] = 3;	//Error C	Occurrence
		}eise{	if([w:GI	031602] == <sup>-</sup>	1) //Checł	k If Error C	Occurred
Occurrence			ì	[w:GD3160	09[w:TMP0008	]] = 2;	//Alarm
Occurrence			}else{	[w:GD316(	09[w:TMP0008	]] = 1;	//Normal
			}	[w:GD3160	08] = 0;		
		}	-				
		//Input [w:GD3 [w:TMP [w:GD3	1683[w:] 0012] = 0 1991[w:]	[MP0008]] = 0x0001; [MP0008]] =	[w:TMP0009]; [w:TMP0012] -	<< [w:TMF	2010];
		if([w:GD	)31603] =	== 1) //	Check If Error	Occurred	
		{ }else{	[w:GD3	31610[w:TMF	P0008]] = 3;	//Error C	Occurrence
		Jeisel	if([w:GI {	031602] == <sup>-</sup>	1) //Checł	c If Alarms	Occurred
Occurrence			·	[w:GD316 <sup>-</sup>	10[w:TMP0008	]] = 2;	//Alarm
			}else{	[w:GD316 <sup>-</sup> [w:GD316(	10[w:TMP0008 08] = 0;	]] = 1;	//Normal
		}	ſ				
	3	[w:TMP [w:TMP [w:TMP	0000] = 0008] = 0004] =	w:TMP0000 w:TMP0008 w:TMP0004	] + 1; ] + 1; ] + 1;		
}	J						
}							
rst([b:GB30019]);							
Script No.	30039	and	S	cript name	Script30039		
Data type	Signed BIN16	eau	Tr	igger type	OFF. GD315	563.b0	
//Re-read Paramete if([b:GB30016] == 0	ers OFF)			.990. 000	,		
{ set([b:GD set([b:GB	31564.b0]); 30016]);						
Script No.	30040		S	cript name	Script30040		
Comment	Parameter Indiv	/idual Re	ad	-			
Data type	Signed BIN16	toro	Tr	igger type	ON, GB3002	26	
if([w:U03-G10320] {	== 0)	iers					
set([b:GD	31564.b0]);						
}eise{ [w:U03-G	10320] = 0;						

set([b:Y40]);						
}						
rst([b:GB30026]);						
Script No. 30068 Script name Script30068						
Comment Device Parameter Read						
Data type Signed BIN16 Irigger type ON, GB30029						
//Read the detail information of slave module.						
//Error Information if([w:GD40032] != 0)						
[w:TMP0000] = 0; while([w:TMP0000] < [w:GD40032])						
if([w:GD40033[w:TMP0000]] == [w:U03-G10321])						
set([b:GB30028]);//Error Occurrence Flag break;						
}						
[w:TMP0000] = [w:TMP0000] + 1;						
}						
if([b:GB30028] == ON)						
//If errors occurred, display error message. [w:GD62007] = 30004;						
rst([b:GB30024]); }else{						
//If errors are not occurred, write the latest information. [w:U03-G10320] = 0; [w:U03-G10321] = [w:GD53604];						
set([b:Y0040]); }						
rst([b:GB30029]) <sup>.</sup>						
Script No. 30069 Script name Script30069						
Comment Device Parameter Write						
Data type Signed BIN16 Trigger type ON, GB30030						
//Write the detail information of slave module.						
//Error Information if([w:GD40032] != 0)						
{						
[w:TMP0000] = 0; while([w:TMP0000] < [w:GD40032])						
{ if([w:GD40033[w:TMP0000]] == [w:U03-G10321])						
{ set([b:GB30028]);//Error Occurrence Flag break:	{     set([b:GB30028]);//Error Occurrence Flag     break:					
} [w:TMP0000] = [w:TMP0000] + 1;	break; } [w:TMP0000] = [w:TMP0000] + 1:					
[w:TMP0000] = [w:TMP0000] + 1; }						
}						
} if/[b:GB30028] == (NI)						

[w:GD62007] = 30004; rst([b:GB30025]); }else{ //If errors are not occurred, write the latest information. [w:U03-G10320] = 1; [w:U03-G10321] = [w:GD53604]; set([b:GD31570.b0]); }

rst([b:GB30030]);

### Base screen 30100 Script No. 30062 Script name Script30062 Comment B-30100 iQSS BK Set List Read Data type Signed BIN16 ON, GB54010 Trigger type //Start from Project Script //Read the iQSS Backup Setting list and the iQSS Backup History list from Recipe. //Check if the A drive is accessible. if([b:GS251.b0] == ON){ set([b:GB54016]); //Recipe No.30001 Write Trigger [w:GD54090] = 1; //Recipe No.30001 Record No. [w:GD54004] = 1; //Next Data Acquisition Flag }else{ rst([b:GB54014]); //Screen Switching Switch Action Conditions OFF [w:GD54006] = 32015; [w:GD62007] = 30101; rst([b:GB54010]); 30063 Script name Script30063 Script No. Comment B-30100 Recipe W Trigger OFF ON, GD54012.b4 Data type Signed BIN16 Trigger type //Turn OFF Write Trigger of Recipe //If the flag was on, read the next data. if([w:GD54004] == 1) { set([b:GB54011]); }else{ rst([b:GB54014]); //Screen Switching Switch Action Conditions OFF } if([w:GD54013] == 30001) { rst([b:GB54016]); //Recipe No.30001 Write Trigger }else{ rst([b:GB54018]); //Recipe No.30002 Write Trigger } rst([b:GD54012.b4]); Script No. 30064 Script name Script30064 Comment B-30100 iQSS BK Hist.List Read Data type Signed BIN16 Trigger type ON, GB54011 //Read iQSS Backup History [w:GD54091] = 1; //Recipe No.30002 Record No. set([b:GB54018]); //Recipe No.30002 Write Trigger

[w:GD54004] = 0; //Flag Clear

rst([b:GB54011]);

Base screen 30101				
Script No. 30046 Script name Script30046				
Comment B-30101 iQSS BK Setting Transfer				
Data type   Signed BIN16   Trigger type   ON, GB54000				
//Transfer iQSS parameters from the iQSS Backup Setting list to the editor area. [w:TMP0000] = [w:GD54007] * 21; [w:GD54100[w:TMP0000]] = [w:GD54007] + 1; bmov([w:GD54100[w:TMP0000]],[w:GD54015],20); [w:GD54086] = [w:GD54120[w:TMP0000]];				
//If target model is specified, assign target model and I/O No. if([w:GD54075] != 0) {				
[w:GD54016] = [w:GD54075]; //Target Model [w:GD54030] = [w:GD54089]; //I/O No.				
<pre>//Execute only when target model is AnyWireASLINK. if([w:GD54075] == 1)</pre>				
{ set([b:GD54086.b0]); //Flag to Select Output, Input/Combined }				
}				
//Folder Numbers Fixed [w:GD54029] = -2; //Folder Numbers Automatic Acquisition				
[w:GD62000] = 30102; //Base Screen Switching				
rst([b:GB54000]);				
Script No. 30057 Script name Script30057				
Comment B-30101 Data Delete				
Data type   Signed BIN16   Trigger type   ON, GB54006				
//Delete the specified data from the iQSS Backup Setting list.				
//Check if the data is selected if([w:GD54000] != 0)				
//Offset [w:TMP0000] = [w:GD54007] * 21;				
//If no data exists in the selected place, do not delete if([w:GD54101[w:TMP0000]] != 0)				
{ //Clear Data [w:TMP0002] = 0; fmov([w:TMP0002],[w:GD54100[w:TMP0000]],21);				
[w:GD54090] = 1; //Recipe No.30001 Record No. set([b:GB54017]); //Recipe No.30001 Read Trigger				
}eise{ [w:GD54006] = 32012; [w:GD62007] = 30101;				
}				
jeiset				

[w:GD620	07] = 30	0101;				
}						
rst([b:GB54006]):						
Script No.	30051		Script name	Script30051		
Comment	iQSS E	BK/RS Use Right Info	Check			
Data type	Signed	BIN16	Trigger type	Sampling, 1 Sec		
//Periodically check	the sta	itus of obtaining the rig	ght to use.			
if([w:SD1435] == [v	v:SD143	36])				
{	= 400 41)	UiOSS Dealeur Darmi	incian Dit ON			
Sel(U).GD: کواووا	54004])		ISSION DIL ON			
rst(lb:GB5	540041):	//iQSS Backup Permi	ission Bit OFF			
}						
Script No.	30048		Script name	Script30048		
Comment	Recipe	e Trigger OFF	-			
Data type	Signed	BIN16	Trigger type	ON, GD54012.b5		
//Turn OFF Read T	rigger o	f Recipe				
if([w:CDE4012]	20001)					
II([w.GD54015] ==	30001)					
rst([b:GB5	540171):	//Recipe No.30001 R	ead Trigger			
}else{	<b>1</b> /,					
rst([b:GB5	;4019]);	//Recipe No.30002 R	ead Trigger			
}						
	N.					
Script No	30050		Script name	Script30050		
Comment	B_3010	1 iOSS BK Prenroces		3010130030		
Data type	Signer	BIN16	Trigger type	ON GB54013		
//iQSS Backup Pre	process	sing				
		5				
//Offset						
[w:TMP0000] = [w:	GD5400	07] * 21;				
//Chack if the A driv	o is ac	possible				
if([h:GS251 h0] ==						
{						
t i						
//If module	e type is	0, no settings are ent	tered and backup	will not be executed.		
if([w:GD54	4101[w:	TMP0000]] != 0)				
{	Charle	the worker of healed				
 	/Uneck	the number of backed	up cases.	le before making backup		
// i1	//when exceeding Too cases, display a message before making backup. if(Iw;CD54101Iw;TMP0000] == 1)					
{	([11:0]		')			
ſ		//AnyWireASLINK				
		if([w:GD54087] == 10	)0)			
		{				
		[w:GD54006	6] = 280;			
		}else{	21 - 260			
		נש.54000 ז	oj – 200,			
J	else{	J				
J	<b>-</b> (	//CC-Link				
		if([w:GD54088] == 10	00)			
		{				
		[w:GD54006	6] = 281;			
		}else{				

		[w:GD54006]	= 268:		
		}	,		
		}			
		w:GD62007] = 30102;			
	}else{				
	]000[	w:GD54006] = 32007;			
	ĺ	w:GD62007] = 30101;			
	}				
}else{		061 - 22017:			
	[w:GD620	0071 = 30101			
}	[11:02020				
,					
rst([b:G	B54013]);	1	-		
Script N	lo.	30052	Script name	Script30052	
Comme	ent	B-30101 IQSS BK Preprocess	sing 2	ONL OD54002	
Uata typ	De or Specifie	Signed BIN16	I rigger type	ON, GB54002	
// 11 d 11 5 1	er specille	a contents to FEC Devices			
//Setting	Name				
bmov([v	v:GD54102	[w:TMP0000]],[w:GD54017],12	2);		
//SD143	37: iQSS B	ackup/Restoration Target Mode	I/Execution Unit		
[w:SD14	437] = (([w:	GD54116[w:TMP0000]] & 0x00	)++) << 8) + ([w:0	GD54101[w:TMP0000]] & 0x00FF);	
	tion I Init Di	solav			
Iw GD5	4016] = [w]	GD54101[w <sup>·</sup> TMP0000]] <sup>·</sup>			
[11:000					
//SD1438: iQSS Backup/Restoration Target Folder No.					
[w:SD14	[w:SD1438] = [w:GD54114[w:TMP0000]];				
//SD143	1201 - Iw:C		ng (Target Module	e I/U NO.)	
[w.3D14	+39] – [w.e	1004115[w.1MF0000]];			
//SD144	0: iQSS B	ackup/Restoration Target Settir	na (Taraet Device	e 1 ASLINK: ID No., CC-Link: Station	
No.)		g	.g (	· · · · · · · · · · · · · · · · · · ·	
[w:ŚD14	440] = [w:G	GD54117[w:TMP0000]];			
//SD144	11: iQSS B	ackup/Restoration Target Settir	ng (Target Device	e 2 ASLINK: Not Used, CC-Link: Sub	
Station	NO.) 4411 – Iw:C				
[w.5D14	44 I] – [w.G	JD54118[W.1WP0000J],			
//SD144	4: iQSS B	ackup/Restoration Action Settin	a		
[w:SD14	444] = [w:C	GD54119[w:TMP0000]];	5		
//If the r	ight to use	the iQSS backup is obtained, s	start backup.		
if(([b:GE	354004] ==	ON) && ([w:SD1446] == 0x000	01))		
{	oot/[b·CN	14261).			
		[1430]), $[001] = 30103^{\circ}$			
}else{	[				
, - · - • (	[w:GD540	006] = 32006;			
	[w:GD620	007] = 30101;			
}					
rot/It-O					
IST([D:G	ьэ4002 <u>]);</u> Io	30050	Script pama	Script30050	
Comme	nt	Process at Screen Switching	Script name	001100000	

Data type	Signed BIN16	Trigger type	When closing a screen
//Clear Flags			
rst([b:GB54008]); rst([b:GB54009]);			
//Close Overlap W [w:GD62001] = 0; [w:GD62004] = 0; [w:GD62007] = 0;	lindow		

Base screen 30102			-			
Script No.	30047	Script name	Script30047			
Comment	B-30102 iQSS Backup Settin	g Save				
Data type	Signed BIN16	Trigger type	ON, GB54001			
//Save iQSS Backu	p Setting of Device to Recipe					
//Check if the A driv if([b:GS251.b0] ==	/e is accessible. ON)					
{ //Check if if([w:GD54	target model is specified. 4016] != 0)					
	/Check whether the execution f([w:GD54031] != 0)	unit is specified.				
۱ ((ایر:CD540211 >= -	//Check whether the c if(([w:GD54031] == 1	orrect value is in )    (([w:GD5403])	Station No. and Station Sub. 1] == 2) && ([w:GD54032] >= 0))			
(([w.GD54051] >= )	5) && (([W.GD54052] >= 0) && {	([w.GD54055] >	- 0))))			
	//If all checks [w:TMP0000 bmov([w:GD [w:GD54120 [w:GD54090 set([b:GB540	are OK, save to ] = ([w:GD54015] 54015],[w:GD541 [w:TMP0000]] = [ ] = 1; //Recipe No 017]);//Recipe No	recipe. - 1) * 21; 00[w:TMP0000]],20); w:GD54086]; .30001 Record No. .30001 Read Trigger			
	}else{ [w:GD54006	] = 32011;				
	[W:GD62007]	] = 30101;				
۱. ۱	ر else					
, ,	[w:GD54006] = 32011 [w:GD62007] = 30101	, ,				
}		,				
}else{						
[	w:GD54006] = 32009;					
[	w:GD62007] = 30101;					
}						
}else{						
[W:GD54006] = 32017; [W:GD62007] = 20101;						
[w.GD02007] = 30101,						
/ rst/[b:GB54001])·						
Script No. 30067 Script name Script30067						
Comment	B-30102 Recipe Triager OFF	Compenditio				
Data type	Signed BIN16	Trigger type	ON, GD54012.b5			
//Turn OFF Read T	rigger of Recipe		· ·			
	•					
rst([b:GB54017]); //Recipe No.30001 Read Trigger						

[w:GD54006] = 32 [w:GD62007] = 30	016; 101;		
rst([b:GD54012.b5	1):		
Script No.	30054	Script name	Script30054
Comment	B-30102 Comment Display C	ontrol	
Data type	Signed BIN16	Trigger type	Ordinary
//Switch Comment	s Between CC-Link and ASLIN	K	
switch([w:GD5401 {	6])		
//ASLINK			
case 1:	w:GD54035] = 226: //ID	or Station	
	[w:GD54036] = 232; [w:GD54037] = 233; [w:GD54038] = 285; [w:GD54039] = 0; //No break;	//All IDs or / //ID Specific //Not Specific ot Specified or Sta	All Stations cation or Station Specification fied or Station Sub ation Sub Specified
//CC-Link			
case 2	w·GD54035] = 225·//ID or Stat	ion	
0000 2.	[w:GD54036] = 242;/// [w:GD54037] = 243; [w:GD54038] = 227; [w:GD54039] = 244; break;	All IDs or All Stati //ID Specific //Not Specif //Not Specif	ons cation or Station Specification fied or Station Sub fied or Station Sub Specified
//Other			
//Otner	W = CD540351 = 0: //ID or Station	2	
uelault.	w.GD54035] = 0, //ID 01 Station	IDs or All Station	
	[w:GD54030] = 0; //All	Specification or	is Station Specification
	[w:GD54038] = 0; //Nc	t Specified or Sta	ation Sub
	[w:GD54039] = 0; //Nc	of Specified or Sta	ation Sub Specified
	break:		
}			
Script No.	30053	Script name	Script30053
Comment	B-30102 I/O Judgment		
Data type	Signed BIN16	Trigger type	Rise/Fall, GD54086.b2
//While using AnvV	VireASLINK. turn OFF/ON the	9th bit depending	on the unit type.
5 5 5 5	,		,
if([b:GD54086.b2]	== ON)		
{			
[w:GD540	)32] = [w:GD54032]   0x0200;	//Input/Com	bined
}else{			
[w:GD540	)32] = [w:GD54032] & 0x00FF;	//Output	
}			

Script No.	30055	Script name	Script30055			
Comment	B-30103,30106 Scr.Start Proc	cess				
Data type	Signed BIN16	Trigger type	ON, GB40			
//Make various set	tings when starting screen					
//Actions at Screen Startup Only if([b:GB54008] == OFF)						
//Backup Execution Date/Time						
[w:GD540	[w:GD54040] = [w:GS650];					
[w:GD540	041] = [w:GS651];					

```
[w:GD54042] = [w:GS652];
        set([b:GB54008]);
Script No.
                   30060
                                                Script name
                                                                Script30060
                   B-30103 Normal End
Comment
Data type
                   Signed BIN16
                                                Trigger type
                                                                Rise, SM1437
///After iQSS backup is completed, save results to Recipe.
//When ASLINK or CC-Link exceeding 100 cases, delete the oldest backup history.
//If the screen was created as a dedicated screen, it does not work.
if([w:GD54075] == 0)
{
        if(([w:GD54087] == 100) && (([w:SD1437] & 0x00FF) == 1))
        {
                 [w:TMP0001] = 0;
                 [w:TMP0003] = 0;
                 //Search for ASLINK history from all history.
                 while([w:TMP0001] <= 199)
                 {
                          [w:TMP0002] = [w:TMP0001] * 27; //Offset
                          if([w:GD56201[w:TMP0002]] == 1)
                          {
                                  [w:TMP0003] = [w:TMP0003] + 1;
                                  if([w:TMP0003] == 100)
                                  {
                                           //If history reached 100th case, exit loop.
                                           break:
                                  ł
                          [w:TMP0001] = [w:TMP0001] + 1;
                 }
                 [w:TMP0004] = 0;
                 fmov([w:TMP0004],[w:GD56200[w:TMP0002]],27);
                 //Move the data after deleted portion up.
                 while([w:TMP0001] < 199)
                 {
                          [w:TMP0002] = [w:TMP0001] * 27; //Offset
                          [w:TMP0005] = ([w:TMP0001] + 1) * 27;//Copy Destination Offset
                          bmov([w:GD56200[w:TMP0005]],[w:GD56200[w:TMP0002]],27);
                          [w:TMP0001] = [w:TMP0001] + 1;
                 }
        }else{
                 if(([w:GD54088] == 100) && (([w:SD1437] & 0x00FF) == 2))
                 {
                          [w:TMP0001] = 0;
                          [w:TMP0003] = 0;
                          //Search for CC-Link history from all history.
                          while([w:TMP0001] <= 199)
                          {
                                  [w:TMP0002] = [w:TMP0001] * 27; //Offset
                                  if([w:GD56201[w:TMP0002]] == 2)
                                  {
                                           [w:TMP0003] = [w:TMP0003] + 1;
                                           if([w:TMP0003] == 100)
                                         126/151
                                                                               BCN-P5999-0119
```

//If history reached 100th case, exit loop. break; } [w:TMP0001] = [w:TMP0001] + 1; } [w:TMP0004] = 0; fmov([w:TMP0004],[w:GD56200[w:TMP0002]],27); //Move the data after deleted portion up. while([w:TMP0001] < 199) { [w:TMP0002] = [w:TMP0001] \* 27; //Offset [w:TMP0005] = ([w:TMP0001] + 1) \* 27;//Copy Destination Offset bmov([w:GD56200[w:TMP0005]],[w:GD56200[w:TMP0002]],27); [w:TMP0001] = [w:TMP0001] + 1;} } } } //Offset if(([w:GD54075] == 1) || ([w:GD54075] == 2)) { //ASLINK or CC-Link Dedicated Screen [w:TMP0001] = 99; }else{ //General Screen [w:TMP0001] = 199; } //Store the iQSS backup result in descending order. while([w:TMP0001] > 0) { [w:TMP0000] = [w:TMP0001] \* 27; [w:TMP0002] = ([w:TMP0001] - 1) \* 27; bmov([w:GD56200[w:TMP0002]],[w:GD56200[w:TMP0000]],27); [w:GD56200[w:TMP0000]] = [w:TMP0001] + 1; [w:TMP0001] = [w:TMP0001] - 1; } //No. [w:GD56200] = 1; //SD1437: iQSS Backup/Restoration Target Model/Execution Unit Setting [w:GD56201] = [w:SD1437] & 0x00FF; [w:GD56216] = ([w:SD1437] & 0xFF00) >> 8; //Setting Name bmov([w:GD54017],[w:GD56202],12); //SD1451: iQSS Backup Folder No. [w:GD56214] = [w:SD1451]; //SD1439: iQSS Backup/Restoration Target Setting (Target Module I/O No.) [w:GD56215] = [w:SD1439];

```
//SD1440: iQSS Backup/Restoration Target Setting (Target Device 1 ASLINK: ID No., CC-Link: Station
No.)
[w:GD56217] = [w:SD1440];
//SD1441: iQSS Backup/Restoration Target Setting (Target Device 2 ASLINK: Not Used, CC-Link: Sub
Station No.)
[w:GD56218] = [w:SD1441];
//SD1444: iQSS Backup/Restoration Action Setting
[w:GD56219] = [w:SD1444];
//iQSS Backup Execution Date/Time
[w:GD56220] = [w:GD54040];
[w:GD56221] = [w:GD54041];
[w:GD56222] = [w:GD54042];
//SD1447: iQSS Backup/Restoration Number of Target Devices
[w:GD56223] = [w:SD1447];
//SD1448: iQSS Backup/Restoration Number of Normal Completion Devices
[w:GD56224] = [w:SD1448];
//SD1449: iQSS Backup/Restoration Number of Abnormal Completion Devices
[w:GD56225] = [w:SD1449];
//iQSS Backup Cases
if([w:GD56201] == 1)
{
        //AnyWireASLINK
        if([w:GD54087] >= 100)
        {
                 [w:GD54087] = 100;
        }else{
                [w:GD54087] = [w:GD54087] + 1;
        }
}else{
        //CC-LINK
        if([w:GD54088] >= 100)
        ł
                [w:GD54088] = 100;
        }else{
                 [w:GD54088] = [w:GD54088] + 1;
        }
}
//Save to Recipe
[w:GD54091] = 1; //Recipe No.30002 Record No.
set([b:GB54019]);//Recipe No.30002 Read Trigger
//Change messages depending on whether canceled or not.
if([b:SM1442] == ON)
{
        [w:GD54006] = 32002; //Backup Cancel Message
}else{
        [w:GD54006] = 32000; //Backup Successful Message
[w:GD62007] = 30101;//Notification Dialog
Script No.
                  30043
                                               Script name
                                                              Script30043
Comment
                  B-30103 Abnormal End
```

```
ON, SM1438
Data type
                  Signed BIN16
                                               Trigger type
//After iQSS backup is completed, save results to Recipe.
if([b:GB54009] == OFF)
{
        //If no folders were created, do not save history.
        if(([w:SD1447] != 0) && ([w:SD1448] != 0))
        {
                 //When ASLINK or CC-Link exceeding 100 cases, delete the oldest backup history.
                 //If the screen was created as a dedicated screen, it does not work.
                 if([w:GD54075] == 0)
                 {
                         if(([w:GD54087] == 100) && (([w:SD1437] & 0x00FF) == 1))
                         {
                                  [w:TMP0001] = 0;
                                  [w:TMP0003] = 0;
                                  //Search for ASLINK history from all history.
                                  while([w:TMP0001] <= 199)
                                  {
                                          [w:TMP0002] = [w:TMP0001] * 27; //Offset
                                          if([w:GD56201[w:TMP0002]] == 1)
                                          {
                                                   [w:TMP0003] = [w:TMP0003] + 1;
                                                   if([w:TMP0003] == 100)
                                                   {
                                                            //If history reached 100th case, exit
loop.
                                                            break;
                                                   }
                                          [w:TMP0001] = [w:TMP0001] + 1;
                                  }
                                  [w:TMP0004] = 0;
                                  fmov([w:TMP0004],[w:GD56200[w:TMP0002]],27);
                                  //Move the data after deleted portion up.
                                  while([w:TMP0001] < 199)
                                  {
                                          [w:TMP0002] = [w:TMP0001] * 27; //Offset
                                          [w:TMP0005] = ([w:TMP0001] + 1) *
                                                                                       27;//Copy
Destination Offset
        bmov([w:GD56200[w:TMP0005]],[w:GD56200[w:TMP0002]],27);
                                          [w:TMP0001] = [w:TMP0001] + 1;
                                  }
                         }else{
                                  if(([w:GD54088] == 100) && (([w:SD1437] & 0x00FF) == 2))
                                  {
                                          [w:TMP0001] = 0;
                                          [w:TMP0003] = 0;
                                          //Search for CC-Link history from all history.
                                          while([w:TMP0001] <= 199)
                                          {
                                                   [w:TMP0002] = [w:TMP0001] * 27; //Offset
                                                   if([w:GD56201[w:TMP0002]] == 2)
                                                   {
                                                            [w:TMP0003] = [w:TMP0003] + 1;
                                         129/151
                                                                               BCN-P5999-0119
```

```
if([w:TMP0003] == 100)
                                                           {
                                                                   //If history reached
                                                                                          100th
case, exit loop.
                                                                   break;
                                                           }
                                                  [w:TMP0001] = [w:TMP0001] + 1;
                                          }
                                          [w:TMP0004] = 0;
                                          fmov([w:TMP0004],[w:GD56200[w:TMP0002]],27);
                                          //Move the data after deleted portion up.
                                          while([w:TMP0001] < 199)
                                          {
                                                  [w:TMP0002] = [w:TMP0001] * 27; //Offset
                                                  [w:TMP0005] = ([w:TMP0001] + 1) * 27;//Copy
Destination Offset
        bmov([w:GD56200[w:TMP0005]],[w:GD56200[w:TMP0002]],27);
                                                  [w:TMP0001] = [w:TMP0001] + 1;
                                          }
                                 }
                         }
                }
                //Offset Calculation
                if(([w:GD54075] == 1) || ([w:GD54075] == 2))
                {
                         //ASLINK or CC-Link Dedicated Screen
                         [w:TMP0001] = 99;
                }else{
                         //General Screen
                         [w:TMP0001] = 199;
                }
                //Store the iQSS backup result in descending order.
                while([w:TMP0001] > 0)
                {
                         [w:TMP0000] = [w:TMP0001] * 27;
                         [w:TMP0002] = ([w:TMP0001] - 1) * 27;
                         bmov([w:GD56200[w:TMP0002]],[w:GD56200[w:TMP0000]],27);
                         [w:GD56200[w:TMP0000]] = [w:TMP0001] + 1;
                         [w:TMP0001] = [w:TMP0001] - 1;
                }
                //No.
                [w:GD56200] = 1;
                //SD1437: iQSS Backup/Restoration Target Model/Execution Unit Setting
                [w:GD56201] = [w:SD1437] & 0x00FF;
                 [w:GD56216] = ([w:SD1437] & 0xFF00) >> 8;
                //Setting Name
                 bmov([w:GD54017],[w:GD56202],12);
```

```
//SD1451: iQSS Backup Folder No.
                [w:GD56214] = [w:SD1451];
                //SD1439: iQSS Backup/Restoration Target Setting (Target Module I/O No.)
                [w:GD56215] = [w:SD1439];
                //SD1440: iQSS Backup/Restoration Target Setting (Target Device 1 ASLINK: ID No.,
CC-Link: Station No.)
                [w:GD56217] = [w:SD1440];
                //SD1441: iQSS Backup/Restoration Target Setting (Target Device 2 ASLINK: Not
Used, CC-Link: Sub Station No.)
                 [w:GD56218] = [w:SD1441];
                //SD1444: iQSS Backup/Restoration Action Setting
                [w:GD56219] = [w:SD1444];
                //iQSS Backup Execution Date/Time
                 [w:GD56220] = [w:GD54040];
                 [w:GD56221] = [w:GD54041];
                 [w:GD56222] = [w:GD54042];
                //SD1447: iQSS Backup/Restoration Number of Target Devices
                [w:GD56223] = [w:SD1447];
                //SD1448: iQSS Backup/Restoration Number of Normal Completion Devices
                [w:GD56224] = [w:SD1448];
                //SD1449: iQSS Backup/Restoration Number of Abnormal Completion Devices
                [w:GD56225] = [w:SD1449];
                //iQSS Backup Cases
                if([w:GD56201] == 1)
                {
                         //AnyWireASLINK
                         if([w:GD54087] >= 100)
                         {
                                 [w:GD54087] = 100;
                         }else{
                                 [w:GD54087] = [w:GD54087] + 1;
                         }
                }else{
                         //CC-Link
                         if([w:GD54088] >= 100)
                         {
                                 [w:GD54088] = 100;
                         }else{
                                 [w:GD54088] = [w:GD54088] + 1;
                         }
                }
                //Save to Recipe
                 [w:GD54091] = 1; //Recipe No.30002 Record No.
                set([b:GB54019]); //Recipe No.30002 Read Trigger
        }
        if([w:SD1452] != 0)
                 if([w:SD1452] == 16894)
                {
                         [w:GD54006] = 32001; //Backup Failure Message
```

	[w:GD62007] = 3010	1;//Notification Dia	alog				
	}else{						
	[w:GD54006] = [w:SL[w:GD62007] = 3010	[w:GD62007] = 30101;//Notification Dialog					
	}	,					
}else{	if([w:SD1453] != 0)						
	{ {						
	[w:GD54006] = [w:SI	01453]; //Backup	Failure Message				
	[W:GD62007] = 3010 }else{	1;//Notification Di	alog				
	[w:GD54006] = 3200	1; //Backup Failur	e Message				
	[w:GD62007] = 3010	1;//Notification Dia	alog				
}	}						
,							
set([b:GE ۱	354009]);						
Script No.	30048	Script name	Script30048				
Comment	Recipe Trigger OFF	-	· ·				
Data type	Signed BIN16	Trigger type	ON, GD54012.b5				
//Turn OFF Read	Irigger of Recipe						
if([w:GD54013] ==	= 30001)						
{	·						
rst([b:GB	54017]); //Recipe No.30001 R	rst([b:GB54017]); //Recipe No.30001 Read Trigger					
}else{ rst/[b:CB54010]): //Pecipe No 30002 Pead Trigger							
rst([b:GB	54019]); //Recipe No.30002 R	ead Trigger					
rst([b:GB }	54019]); //Recipe No.30002 R	ead Trigger					
rst([b:GB	54019]); //Recipe No.30002 R	ead Trigger					
rst([b:GB } rst([b:GD54012.b5	54019]); //Recipe No.30002 R 5]);	ead Trigger					
rst([b:GB } rst([b:GD54012.b5 Script No.	54019]); //Recipe No.30002 R 5]); 30059	ead Trigger	Script30059				
rst([b:GB } rst([b:GD54012.bt Script No. Comment	54019]); //Recipe No.30002 R 5]); 30059 Process at Screen Switching	ead Trigger	Script30059				
rst([b:GD54012.b5 Script No. Comment Data type	54019]); //Recipe No.30002 R 5]); 30059 Process at Screen Switching Signed BIN16	ead Trigger Script name Trigger type	Script30059 When closing a screen				
rst([b:GD54012.b5 } Script No. Comment Data type //Clear Flags	54019]); //Recipe No.30002 R 5]); 30059 Process at Screen Switching Signed BIN16	ead Trigger Script name Trigger type	Script30059 When closing a screen				
rst([b:GD54012.b5 } rst([b:GD54012.b5 Script No. Comment Data type //Clear Flags rst([b:GB54008]);	54019]); //Recipe No.30002 R 5]); 30059 Process at Screen Switching Signed BIN16	ead Trigger Script name Trigger type	Script30059 When closing a screen				
rst([b:GD54012.b5 } rst([b:GD54012.b5 Script No. Comment Data type //Clear Flags rst([b:GB54008]); rst([b:GB54009]);	54019]); //Recipe No.30002 R 5]); 30059 Process at Screen Switching Signed BIN16	ead Trigger Script name Trigger type	Script30059 When closing a screen				
rst([b:GD54012.b5 } rst([b:GD54012.b5 Script No. Comment Data type //Clear Flags rst([b:GB54008]); rst([b:GB54009]); //Close Overlap W	/indow	ead Trigger	Script30059 When closing a screen				
rst([b:GD54012.b5 } rst([b:GD54012.b5 Script No. Comment Data type //Clear Flags rst([b:GB54008]); rst([b:GB54009]); //Close Overlap W [w:GD62001] = 0;	/indow	ead Trigger	Script30059 When closing a screen				
rst([b:GD54012.b5 } rst([b:GD54012.b5 Script No. Comment Data type //Clear Flags rst([b:GB54008]); rst([b:GB54009]); //Close Overlap W [w:GD62001] = 0; [w:GD62004] = 0;	/indow	ead Trigger	Script30059 When closing a screen				
rst([b:GD54012.b5 } rst([b:GD54012.b5 Script No. Comment Data type //Clear Flags rst([b:GB54008]); rst([b:GB54009]); //Close Overlap W [w:GD62001] = 0; [w:GD62007] = 0;	/indow	ead Trigger	Script30059 When closing a screen				
rest([b:GB         rst([b:GD54012.b5         Script No.         Comment         Data type         //Clear Flags         rst([b:GB54008]);         rst([b:GB54008]);         rst([b:GB54009]);         //Close Overlap W         [w:GD62001] = 0;         [w:GD62004] = 0;         [w:GD62007] = 0;         Script No.	<ul> <li>(54019]); //Recipe No.30002 R</li> <li>(5]);</li> <li>30059</li> <li>Process at Screen Switching Signed BIN16</li> <li>/indow</li> <li>30065</li> </ul>	ead Trigger Script name Trigger type Script name	Script30059 When closing a screen Script30065				
reset         rst([b:GD54012.b5         Script No.         Comment         Data type         //Clear Flags         rst([b:GB54008]);         rst([b:GB54009]);         //Close Overlap W         [w:GD62001] = 0;         [w:GD62007] = 0;         Script No.         Comment	54019]); //Recipe No.30002 R 5]); 30059 Process at Screen Switching Signed BIN16 /indow 30065 B-30103,30106 iQSS BK/RS	ead Trigger Script name Trigger type Script name Cancel	Script30059 When closing a screen Script30065				
rst([b:GD54012.b5 } rst([b:GD54012.b5 Script No. Comment Data type //Clear Flags rst([b:GB54008]); rst([b:GB54009]); //Close Overlap W [w:GD62001] = 0; [w:GD62001] = 0; [w:GD62007] = 0; Script No. Comment Data type	<ul> <li>(54019]); //Recipe No.30002 R</li> <li>(5);</li> <li>30059</li> <li>Process at Screen Switching</li> <li>Signed BIN16</li> <li>(indow</li> <li>30065</li> <li>B-30103,30106 iQSS BK/RS</li> <li>Signed BIN16</li> </ul>	ead Trigger Script name Trigger type Script name Cancel Trigger type	Script30059 When closing a screen Script30065 ON, GB54002				
rst([b:GD54012.b5 Script No. Comment Data type //Clear Flags rst([b:GB54008]); rst([b:GB54009]); //Close Overlap W [w:GD62001] = 0; [w:GD62004] = 0; [w:GD62007] = 0; Script No. Comment Data type //Abort iQSS Back	<ul> <li>(indow</li> <li>30065</li> <li>B-30103,30106 iQSS BK/RS</li> <li>Signed BIN16</li> </ul>	ead Trigger Script name Trigger type Script name Cancel Trigger type	Script30059 When closing a screen Script30065 ON, GB54002				
rst([b:GD54012.b5 Script No. Comment Data type //Clear Flags rst([b:GB54008]); rst([b:GB54009]); //Close Overlap W [w:GD62001] = 0; [w:GD62001] = 0; [w:GD62007] = 0; Script No. Comment Data type //Abort iQSS Back set([b:SM1442]);	<ul> <li>(54019]); //Recipe No.30002 R</li> <li>(5);</li> <li>30059</li> <li>Process at Screen Switching Signed BIN16</li> <li>(indow</li> <li>30065</li> <li>B-30103,30106 iQSS BK/RS</li> <li>Signed BIN16</li> <li>Signed BIN16</li> <li>Sup or iQSS Restoration</li> <li>(/iQSS Backup/Restoration Case</li> </ul>	ead Trigger Script name Trigger type Script name Cancel Trigger type	Script30059 When closing a screen Script30065 ON, GB54002				
reset         rst([b:GD54012.b5         Script No.         Comment         Data type         //Clear Flags         rst([b:GB54008]);         rst([b:GB54008]);         rst([b:GB54009]);         //Close Overlap W         [w:GD62001] = 0;         [w:GD62004] = 0;         [w:GD62007] = 0;         Script No.         Comment         Data type         //Abort iQSS Back         set([b:SM1442]);         rst([b:GB54002]);	<ul> <li>(54019]); //Recipe No.30002 R</li> <li>(5]);</li> <li>30059</li> <li>Process at Screen Switching Signed BIN16</li> <li>/indow</li> <li>30065</li> <li>B-30103,30106 iQSS BK/RS</li> <li>Signed BIN16</li> <li>(up or iQSS Restoration //iQSS Backup/Restoration Ca</li> </ul>	ead Trigger Script name Trigger type Script name Cancel Trigger type	Script30059 When closing a screen Script30065 ON, GB54002				

Script No.	30056	Script name	Script30056		
Comment	B-30104 iQSS Restore Set Check				
Data type	Signed BIN16	Trigger type	ON, GB54005		
//Check iQSS backup contents.					
[w:TMP0000] = ([w:GD54008] * 27) + [w:GD54003];					
bmov([w:GD56200[w:TMP0000]],[w:GD54043],20);					
		-			

[w:GD62000] = 30105;							
rst([b:GB54005]):							
Script No.	30058		Scr	ipt name	Script30058		
Comment	B-30104 Data D	elete					
Data type	Signed BIN16	0.010	Tric	iger type	ON GB54006		
//After deleting the	specified data fro	m the iQS	SS Backi	up History lis	t move the rest of the list up		
//Check whether to if([b:GB54012] == 0 { //Check if	/Check whether to delete all or delete specified range cases. f([b:GB54012] == OFF)						
if([w:GD54 {	if([w:GD54002] != 0) {						
/. [' /. ['	//Offset [w:TMP0000] = ([w:GD54008] * 27) + [w:GD54003]; //Copy Source Offset [w:TMP0001] = (([w:GD54008] + 1) * 27) + [w:GD54003];						
/, it {	/If no backup data f([w:GD56201[w:	a exists in TMP0000]	the sele ]] != 0)	cted place, c	lo not process		
	//Reduce if(([w:GD	e Number ( 56223[w: <sup>-</sup>	of Backu TMP000	ıp Cases 0]]  !=  0)  8	&& ([w:GD56223[w:TMP0000]] ==		
[w:GD56224[w:TM	P0000]])) {						
		if([w:GD5	6201[w:	TMP0000]] =	= 1)		
		۱   	//AnyWir if([w:GD{ ℓ	eASLINK 54087] > 0)			
		י י		[w:GD54087	'] = [w:GD54087] - 1;		
		j	Jeisel	[w:GD54087	<i>'</i> ] = 0;		
		} }else{	}				
		/ i	//CC-LIN if([w:GD{	K 54088] > 0)			
		ſ		[w:GD54088	3] = [w:GD54088] - 1;		
		}	}eise{	[w:GD54088	3] = 0;		
		}	}				
	}						
//Calculate the Number of Processing Counts to Repeat [w:TMP0003] = [w:TMP0000] / 27; if(([w:GD54075] == 1)    ([w:GD54075] == 2))					Counts to Repeat == 2))		
		//ASLINK [w:TMP00	or CC-L 002] = 99	ink Dedicate 9;	d Screen		
	}eise{	se{ //General Screen [w:TMP0002] = 199:					
	}						
	while([w: {	TMP0003	5] <= [w:]	[MP0002])			
		if([w:TMP {	!=! [0003	[w:TMP0002	2])		

					//Overw	rite Data	
	bmov([v	v:GD5620	00[w:TM	P0001]],[	w:GD5620 //Adjust	00[w:TMP0000]],27); the No. to the current No.	If No. is 0 or less, fix it
to 0.					if([w:GD	956200[w:TMP0000]] > 0)	
[w:GD56	6200[w:T	MP00001	- 1;		٤	[w:GD56200[w:TMP0000]	] =
		}else{	}else{ [w:GD56200[w:TMP0000]] = 0;				
					}		
					//Add Oi [w:TMP [w:TMP	ffset 0000] = [w:TMP0000] + 27; 0001] = [w:TMP0001] + 27;	
					//Add Co [w:TMP	ount 0003] = [w:TMP0003] + 1;	
}else{			//Set the [w:TMP	e last data to 0 0004] = 0;			
					if(([w:G[ {	D54075] == 1)    ([w:GD540	75] == 2))
						//ASLINK or CC-Link Ded fmov([w:TMP0004],[w:GD	icated Screen 58873],27);
					}eise{	//General Screen fmov([w:TMP0004],[w:GD	61573],27);
					} [w:TMP	0000] = [w:TMP0000] + 27;	
					//Add Co [w:TMP	ount 0003] = [w:TMP0003] + 1;	
			}	}			
			//Save [w:GD5 set([b:0	to Recipe 54091] = 5B54019	e 1; //Recipe ]); //Recipe	e No.30002 Record No. No.30002 Read Trigger	
		}else{	[w:GD5	54006] = 3	32012;		
		}	[w:GD6	52007] = 3	30101;		
	}else{	[w:GD54 [w:GD62	4006] = ( 2007] = (	32012; 30101 <sup>.</sup>			
}else{	}	[11:0002	-001]				
	//All Del [w:TMP fmov([w	ete 0000] = 0 :TMP000	; 0],[w:GE	056200],5	5400);		
	//Clear E //AnyWi [w:GD54 //CC-Lir [w:GD54	Backup C reASLINk 4087] = 0 ik 4088] = 0	ases < ;				

//Save to Recipe [w:GD54091] = 1; //Recipe No.30002 Record No. set([b:GB54019]); //Recipe No.30002 Read Trigger					
} rst([b:GB54006]);					
Script No.	30048	Script name	Script30048		
Comment	Recipe Trigger OFF		3 <b>F</b>		
Data type	Signed BIN16	Trigger type	ON, GD54012.b5		
//Turn OFF Read T	rigger of Recipe				
if([w:GD54013] ==	30001)				
rst([b:GB	54017]); //Recipe No.30001 Re	ad Trigger			
}else{					
rst([b:GB{ }	54019]); //Recipe No.30002 Re	ad Trigger			
rst([b:GD54012.b5	1):				
Script No.	30061	Script name	Script30061		
Comment	B-30104 Restore Preprocess	ing	3 <b>F</b>		
Data type	Signed BIN16	Trigger type	ON, GB54002		
//Transfer Specified	d Contents to PLC Devices				
//Offset [w:TMP0000] = ([w	r:GD54008] * 27) + [w:GD5400	3];			
//If target model is if([w:GD56201[w:T {	0, no settings are entered and MP0000]] != 0)	restoration will no	ot be executed.		
//Do no re if(([w:GD5 [w:GD56224[w:TM	estore data from the backup tha 56223[w:TMP0000]]  != P0000]]))	it was not ended 0) &&	normally. ([w:GD56223[w:TMP0000]] ==		
{ // /	/Setting Name pmov([w:GD56202[w:TMP0000	)]],[w:GD54045],2	24);		
/	//Target Device Comment Display [w:GD54016] = [w:GD56201[w:TMP0000]];				
/ [ ([w:GD56201[w:TN	//SD1437: iQSS Backup/Restoration Target Model/Execution Unit Setting [w:SD1437] = (([w:GD56216[w:TMP0000]] & 0x00FF) << 8) + ([w:GD56201[w:TMP0000]] & 0x00FF);				
/	//SD1438: iQSS Backup/Restoration Target Folder No. [w:SD1438] = [w:GD56214[w:TMP0000]];				
/	/SD1439: iQSS Backup/Restor w:SD1439] = [w:GD56215[w:T	ration Target Sett MP0000]];	ing (Target Module I/O No.)		
/ CC-Link: Station N	/SD1440: iQSS Backup/Restor o.)	ation Target Sett	ing (Target Device 1 ASLINK: ID No.,		
[	w:SD1440] = [w:GD56217[w:T	MP0000]];			
/ Used, CC-Link: Su [	/SD1441: iQSS Backup/Resto b Station No.) w:SD1441] = [w:GD56218[w:T	ration Target Se MP0000]];	tting (Target Device 2 ASLINK: Not		
	/SD1444: iQSS Backup/Restor	ation Action Sett	ina		

	[w:SD1444] = [w:GD56219[w:TMP0000]];					
}else{	<pre>//If the right to use the iQSS backup is obtained, start backup. if(([b:GB54004] == ON) &amp;&amp; ([w:SD1446] == 0x0001)) { set([b:SM1439]); [w:GD62000] = 30106; }else{ [w:GD54006] = 32006; [w:GD54006] = 32010; } [w:GD54006] = 32013; [w:GD54006] = 32013; [w:GD54006] = 32013;</pre>					
}						
}else{	10061 - 22008:					
[w.GD54 [w:GD62	2007] = 32008,					
}						
rst([b:GB54002]);						
Script No.	30051 Script name Script30051					
Comment	iQSS BK/RS Use Right Info Check					
Data type	Signed BIN16 Trigger type Sampling, 1 Sec					
<pre>//Periodically chee if([w:SD1435] == {</pre>	<pre>//Periodically check the status of obtaining the right to use. if([w:SD1435] == [w:SD1436]) {</pre>					
ໂລໄຣລ໌	B34004]),///Q35 Backup Fermission Bit ON					
rst([b:GE	354004]); //iQSS Backup Permission Bit OFF					
Script No.	30059 Script name Script30059					
Comment	Process at Screen Switching					
Data type	Signed BIN16 Trigger type When closing a screen					
//Clear Flags						
rst([b:GB54008]); rst([b:GB54009]);						
//Close Overlap V [w:GD62001] = 0; [w:GD62004] = 0; [w:GD62007] = 0;	Vindow					

Script No.	30066	Script name	Script30066		
Comment	B-30105 Comment Display Control				
Data type	Signed BIN16	Trigger type	Ordinary		
//Switch Comments	s Between CC-Link and ASLIN	K			
switch([w:GD54044 { //ASLINK case 1: [	4]) w:GD54070] = 226; //ID [w:GD54071] = 232; [w:GD54072] = 233; [w:GD54073] = 285; [w:GD54074] = 0; //No break;	or Station //All IDs or A //ID Specific //Not Specifi t Specified or Sta	All Stations ation or Station Specification ied or Station Sub tion Sub Specified		

[w:GD54070] = 223, [w:GD54071] = 242;	//All IDs or All Stations
[w:GD54072] = 243;	//ID Specification or Station Specification
[w:GD54073] = 227; [w:GD54074] = 244; break;	//Not Specified or Station Sub //Not Specified or Station Sub Specified

Script No.	30055	Script name	Script30055		
Comment	3-30103,30106 Scr.Start Process				
Data type	Signed BIN16	Trigger type	ON, GB40		
//Make various set	tings when starting screen				
//Actions at Screer	n Startup Only				
if([b:GB54008] ==	OFF)				
{					
//Васкир	Execution Date/Time				
[W:GD540	J40] = [W:GS050];				
[W.GD540	[41] = [w.GS651], [42] = [w:GS652];				
[W.GD340	J42] – [w.83032],				
set([b:GB	540081):				
}					
Script No.	30044	Script name	Script30044		
Comment	B-30106 Normal End				
Data type	Signed BIN16	Trigger type	Rise, SM1440		
//iQSS Restoration	Normal End Processing				
if([b:SM1442] == 0	DN)				
{					
[w:GD540	006] = 32005; //iQSS Resto	ration Cancel			
}else{		<i>"</i>			
[w:GD540	006] = 32003; //IQSS Resto	ration Normal Co	ompletion		
} [w:CD620071-201	01: //Notification Dialog Di	ionlay			
Script No		Scrint name	Script30045		
Comment	B-30106 Abnormal End	Script name	3010130043		
Data type	Signed BIN16	Trigger type	ON SM1441		
//iQSS Restoration	Abnormal End Processing	ingger type			
if([b:GB54009] ==	OFF)				
{``	,				
if([w:SD1	452] != 0)				
{					
	f([w:SD1452] == 16894)				
	{				
	[w:GD54006] = 32004	; //Restoration Fa	ailure Message		
	[w:GD62007] = 30101	;//Notification Dia	alog		
	}else{	14501, //Deeterat	ion Feilung Massage		
	[W:CD62007] = [W.SD	1452], //Resional			
	[w.GD02007] = 50101		alog		
<i>ل</i> وادو(	ſ				
JCIGCI	if([w:SD1453] != 0)				
	{				
	[w:GD54006] = [w:SD	1453]; //Restorat	ion Failure Message		
	· · · · · · · · · · · · · · · · · · ·				
	[w:GD62007] = 30101	;//Notification Dia	alog		

[w:GD54006] = 32004; //Restoration Failure Message [w:GD62007] = 30101://Notification Dialog									
1	}								
ر ۱									
ſ									
set/[h·CB	540001).								
3et([0.00	54669]);								
Script No.	30065	Script name	Script30065						
Comment	B-30103,30106 iQSS BK/RS	Cancel							
Data type	Signed BIN16	Trigger type	ON, GB54002						
//Abort iQSS Backu	up or iQSS Restoration								
set([b:SM1442]); /	iQSS Backup/Restoration Car	ncel Request							
	-	·							
rst([b:GB54002]);									
Script No.	30059	Script name	Script30059						
Comment	Process at Screen Switching		· · ·						
Data type	Signed BIN16	Trigger type	When closing a screen						
//Clear Flags	- <b></b>		· · · · ·						
, C									
rst([b:GB54008]);									
rst([b:GB54009]);									
//Close Overlap Wi	ndow								
[w:GD62001] = 0;									
[w:GD62004] = 0;									
[w:GD62007] = 0;									

### 5.9.3 Object script

# Base screen 30006 to 30019 Object Word lamp \*1 Script user ID 1 Data type Unsigned BIN16 Trigger type Ordinary //Display ON/OFF Status [w:GD32000] = \$\$ & [w:GD31990]; Image: Colored colore

\*1: Set for the word lamps that indicate the ON/OFF of I/O. The device number changes depending on the number of I/O points.

### Base screen 30013, Base screen 30018

Object	Level *1							
Script user ID	2							
Data type	Signed BIN16	Signed BIN16 Trigger type Ordinary						
//Display ON/OFF Thres	hold Value							
screen_draw(0);								
redraw_object();								
[w:TMP0200] = (object_width / 100) * [w:GD53605]; [w:TMP0201] = (object_width / 100) * [w:GD53606];								
d_line([w:TMP0200],0,[v	v:TMP0200],object_he	eight,0,1,224);	//OFF to ON Threshold Value					
d_line([w:TMP0201],0,[v	v:TMP0201],object_he	eight,0,1,3);	//ON to OFF Threshold Value					
1: [Object Script Symbol]	is used. For more de	etails about IObie	ect Script Symboll, please refer to "5.9.5					

\*1: [Object Script Symbol] is used. For more details about [Object Script Symbol], please refer to "5.9.5 Object Script Symbol".

### Base screen 30010 to 30012, Base screen 30014, Base screen 30015, Base screen 30017

Object	Level *1	_evel *1							
Script user ID	2								
Data type	Signed BIN16	Trigger type	Ordinary						
//Display Threshold Value, Alarm Judgment(Hi), (Lo) screen_draw(0); redraw_object();									
[w:TMP0200] = (object_width / 100) * [w:GD53605]; [w:TMP0201] = (object_width / 100) * [w:GD53607]; [w:TMP0202] = (object_width / 100) * [w:GD53608];									
d_line([w:TMP0200],0,[w:TMP0200],object_height,0,1,131);  //Threshold Value									
d_line([w:TMP0201],0,[w	v:TMP0201],object_he	TMP0201],object_height,0,1,224); //Alarm Judgment(Hi)							
d_line([w:TMP0202],0,[w	v:TMP0202],object_he	eight,0,1,3);	//Alarm Judgment(Lo)						
· [Object Carint Cymbol] is used For more details about [Object Carint Cymbol] places refer to "F.O.F.									

\*1: [Object Script Symbol] is used. For more details about [Object Script Symbol], please refer to "5.9.5 Object Script Symbol".

### Base screen 30010 to 30015, Base screen 30017, Base screen 30018

Object	Numerical input *1					
Script user ID	3					
Data type	Unsigned BIN16	Trigger type	Input Fixation			
//When input is determined, redraw the screen.						
redraw_screen();						

\*1: Set for Threshold, Alarm judgment (Hi), Alarm judgment (Lo), Threshold: OFF->ON, Threshold: ON->OFF.

### Base screen 30101

Object		Word lamp						
Script us	ser ID	1						
Data typ	е	Signed BIN16	Trigger type	Ordinary				
//Script t	o Display Comm	nents						
if([w:GD	54101[w:GD540	01]] != 0)						
{	-							
-	[w:GD54076] = (([w:GD54101[w:GD54001]] * 10) + \$\$) + 221;							
}else{	e{							
	[w:GD54076] =	0;						
}								

The above script is set for all word lamps of the "Execution unit". The specified device varies depending on the object.

### Window screen 30001

Object Numerical display								
Script user ID 1								
Data type Unsigned BIN16 Trigger type Rise, GB40								
//Obtain Today's Year & Month from Clock Data								
[w:TMP950] = [w:GS650] & 0xF000;//Obtain Tenths Digit of "Last 2-Digits of Year" from Clock Data	for							
Setting								
[w:TMP960] = [w:TMP950] >> 12;//Decimal Alignment								
[w:TMP968] = [w:TMP960] * 10;//BCD->BIN								
[w:TMP951] = [w:GS650] & 0x0F00;//Obtain Ones Digit of "Last 2-Digits of Year" from Clock Data	for							
Setting								
[w:TMP961] = [w:TMP951] >> 8;//BCD->BIN								
[w:TMP973] = 2000 + [w:TMP968] + [w:TMP961];//Set Year to TMP973 as BIN								
[w:GD63990] = [w:TMP973];//Set Year								
[w:TMP952] = [w:GS650] & 0x00F0;//Obtain Tenths Digit of Month from Clock Data for Setting								
[w:TMP962] = [w:TMP952] >> 4;//Decimal Alignment								

[w:TMP969] = [w:TMP962] \* 10;//BCD->BIN [w:TMP953] = [w:GS650] & 0x000F;//Obtain Ones Digit of Month from Clock Data for Setting [w:TMP974] = [w:TMP969] + [w:TMP953];//Set Month to TMP974 as BIN [w:GD63991] = [w:TMP974];//Set Month [w:TMP954] = [w:GS651] & 0xF000;//Obtain Tenths Digit of "Last 2-Digits of Day" from Clock Data for Settina [w:TMP963] = [w:TMP954] >> 12;//Decimal Alignment [w:TMP970] = [w:TMP963] \* 10;//BCD->BIN [w:TMP955] = [w:GS651] & 0x0F00;//Obtain Ones Digit of "Last 2-Digits of Day" from Clock Data for Setting [w:TMP964] = [w:TMP955] >> 8;//BCD->BIN [w:TMP975] =[w:TMP970] + [w:TMP964];//Set Day to TMP975 as BIN [w:GD63992] = [w:TMP975];//Set Day [w:TMP956] = [w:GS651] & 0x00F0;//Obtain Tenths Digit of Hour from Clock Data for Setting [w:TMP965] = [w:TMP956] >> 4;//Decimal Alignment [w:TMP971] = [w:TMP965] \* 10;//BCD->BIN [w:TMP957] = [w:GS651] & 0x000F;//Obtain Ones Digit of Hour from Clock Data for Setting [w:TMP976] = [w:TMP971] + [w:TMP957]://Set Hour to TMP976 as BIN [w:GD63993] = [w:TMP976];//Set Hour [w:TMP958] = [w:GS652] & 0xF000;//Obtain Tenths Digit of "Last 2-Digits of Minute" from Clock Data for Setting [w:TMP966] = [w:TMP958] >> 12;//Decimal Alignment [w:TMP972] = [w:TMP966] \* 10;//BCD->BIN [w:TMP959] = [w:GS652] & 0x0F00;//Obtain Ones Digit of "Last 2-Digits of Minute" from Clock Data for Setting [w:TMP967] = [w:TMP959] >> 8;//BCD->BIN [w:TMP977] =[w:TMP972] + [w:TMP967];//Set Minute to TMP977 as BIN [w:GD63994] = [w:TMP977];//Set Minute [w:TMP993] = [w:GS652] & 0x00F0;//Obtain Tenths Digit of Second from Clock Data for Setting [w:TMP995] = [w:TMP993] >> 4;//Decimal Alignment [w:TMP996] = [w:TMP995] \* 10;//BCD->BIN [w:TMP994] = [w:GS652] & 0x000F;//Obtain Ones Digit of Second from Clock Data for Setting [w:TMP978] = [w:TMP996] + [w:TMP994];//Set Second to TMP978 as BIN [w:GD63995] = [w:TMP978];//Set Second Object Numerical display Script user ID 2 Data type Unsigned BIN16 Trigger type Ordinary //BIN -> BCD Conversion [w:TMP979] = [w:GD63990] - 2000; //Last 2-Digits of Year [w:TMP980] = (([w:TMP979] / 10) << 4) + ([w:TMP979] % 10); //Year BIN -> BCD [w:TMP981] = (([w:GD63991] / 10) << 4) + ([w:GD63991] % 10);//Month BIN -> BCD [w:TMP982] = (([w:GD63992] / 10) << 4) + ([w:GD63992] % 10);//Day BIN -> BCD //Hour BIN -> BCD [w:TMP983] = (([w:GD63993] / 10) << 4) + ([w:GD63993] % 10); [w:TMP984] = (([w:GD63994] / 10) << 4) + ([w:GD63994] % 10); //Minute BIN -> BCD [w:TMP985] = (([w:GD63995] / 10) << 4) + ([w:GD63995] % 10); //Second BIN -> BCD Numerical display Object Script user ID 3 Data type Unsigned BIN16 Trigger type Ordinary //Year & Month Setting [w:GS513] = ([w:TMP980] << 8) + [w:TMP981]; //Set Year & Month to Change Time Device

Object	Numerical display								
Script user ID	4								
Data type	Unsigned BIN16	Trigger type	Ordinary						
//Date & Time Setting									
[w:GS514] = ([w:TMP982	<u>2] &lt;&lt; 8) + [w:TMP983</u>	]; //Set Date &	Time to Change Time Device						
Object	Numerical display								
Script user ID	5		-						
Data type	Unsigned BIN16	Trigger type	Ordinary						
//Minute & Second Settir	ng								
[w:GS515] = ([w:TMP98])	4] << 8) + [w:TMP985	]; //Set Minute	& Second to Change Time Device						
Object	Numerical display								
Script user ID	6		0.1						
Data type	Unsigned BIN16	I rigger type	Ordinary						
//Day of Week Setting									
	0001: //Veer (Bll	NIX							
[w:TMP987] = [w:GD639]	90], // Teal (Dil 901]: //Month (E	IN) RINI)							
[w:TMP988] = [w:GD639]	91], //Month (L 921: //Day (BIN	J)							
	, <i>noay</i> (bi	•)							
if(([w <sup>.</sup> TMP987] == 1)    ([	w <sup>·</sup> TMP9871 == 2)){// (	Correction Processing	to Calculate January and February						
as 13th/14th Month									
[w:TMP986] =[v	w:TMP986] - 1; //Subti	ract 1 from Year							
w:TMP987] =[v	w:TMP987] + 12;//Add	I 12 to Month							
}	•								
[w:TMP989] = [w:TMP98	36]/4;//Create Items R	equired for Zeller's Co	ongruence						
[w:TMP990] = [w:TMP98	36]/100;//Create Items	Required for Zeller's	Congruence						
[w:TMP991] = [w:TMP98	36]/400;//Create Items	Required for Zeller's	Congruence						
[w:TMP992] = (13*[w:TM	1P987]+8)/5;//Create I	tems Required for Ze	eller's Congruence						
//Calculate Day of Week	Using Zeller's Congru	uence and Set the Da	ay to Change Time Device						
[w:GS516] = ([w:TMP986]+[w:TMP989]-[w:TMP990]+[w:TMP991]+[w:TMP992]+[w:TMP988])%7;									

### 5.9.4 Script symbol

Sybol Name	Device and Constant	Remarks
Input_X	42	Upper-left-most X Coordinate of Input Display Area
Input_Y	155	Upper-left-most Y Coordinate of Input Display Area
Frame_X	618	Lower-right-most X Coordinate of I/O Display Area
Frame_Y	427	Lower-right-most Y Coordinate of I/O Display Area
Object_X	36	Word Lamp Width
Object Y	17	Word Lamp Height

### 5.9.5 Object script symbol

Sybol Name	Device and Constant	Remarks
object_width	124	Level Width
object_height	25	Level Height

### 6. TEMPLATES

Templates are a group of figures and objects. Related settings are grouped into template attributes and registered, so the devices and colors, etc. can be easily changed in a batch. For more details about changing the attribute settings, please refer to the "GT Designer3 (GOT2000) Help".



The template information is only displayed on the screen design software's editing screen. It is not displayed on the GOT display screen.

Example: Changing a font

(1) Select [Template Information], and click on [Template Property] (or double-click [Template Information]).



Property Ψ× Template Name Screen Switching2 Template Attribute Setting Value P.. Destination Screen No. 30001-30502 Comment Group No. 255 Switch(Each Screen)\_Color Black Switch(Display Screen)\_Color Blue Switch(Each Screen)\_Text Color • Switch(Display Screen)\_Text Color +}Font Outline Gothic + Text Size 12dot Standard 16dot Standard Mincho 16dot Standard Gothic 12dot HQ Mincho 12dot HQ Gothic 16dot HQ Mincho 16dot HQ Gothic Outline Kaisho **Outline** Gothic 111

(2) Click on [Font], and select the new font.

# 7. OTHERS

# 7.1 User-Defined Name Registration

Follow the procedure below to register data.

Output module: Set the "module ID + 1" value to Comment No. (The comment No. does not accept 0 so that the value of adding 1 to the ID is used as the comment No.)

			— I (	Jomm	ent No.	or outp	ut		
15 Output module ID: 14	出力ユニット ID:14	输出模块 ID:14	10	nodule	e ID 14 to	ID 17		12	1
16 Output module ID: 15	出カユニット ID:15	输出模块 ID:15	N					1	1
17 Output module ID: 16	出力ユニット ID:16	輸出模決 ID:16	No	None	Regular	12	2	1971	1
18 Output module ID: 17	出力ユニット 10:17	输出模块 ID:17	No	None	Regular		$[\mathbf{v}]$	1	

Input module, I/O combined module: Set the value "module ID + 513" to Comment No. (The IDs of input or I/O combined modules are 0x0200 to 0x02FF in the buffer memory [connection ID information area] so that the value of adding 512(0x0200) and also adding 1 to the ID [in the same way as the output module] is used as the comment No.)

					module ID 14 to ID 17					
527 Input module ID: 14	入力ユニット ID:14	輸入模決 ID:14		No	nume	Keguer ;	<u> </u>	121	2	V
528 Input module ID: 15	入力ユニット ID:15	输入模块 ID:15		No	None	Regular	2	1	1	1921 -
529 Input module ID: 16	入力ユニット ID:16	輸入模映 ID:16		No	None	Regular	1	1	1	12
530 Input module ID: 17	入力ユニット ID:17	输入模块 ID:17		No	None	Regular		1	1	10

# 7.2 Changing System Configuration

After booting a GOT, if operations such as slave module addition or deletion, or ID change were performed, make sure to return to the base screen B-30001 and touch the [Sensor Auto Detect] switch for a second or reboot the GOT.


# 7.3 Changing CPU

To use the MELSEC-Q Series CPU, change the system configuration and the Ethernet setting.

#### 7.3.1 System configuration



# 7.4 Changing Start I/O Number

Follow the procedure below to change the start I/O number of the module to a value other than 30H. (Example: Changing the start I/O number from 30H to 50H)

## 7.4.1 To change devices set in the screen

To change devices set in the screen, select [All Screens] for the target of the Device Batch Edit. The devices to change by selecting [All Screens] are U03-G0 to U03-G10321, X0041, Y0030 to Y0041.

(1) Select [Search/Replace] - [Batch Edit] - [Device] menu.



(2) In the displayed setting dialog, select [All Screens], and click [Find Now].

	uce.			177	1000
. D	evice	Network	CH No.	10	Find Nov
00	olor	🔿 Shape		L	Replace
arner	t				Delete
R A	l screens			6	Clear
06	diting screen				
0.5	creen range:	Prom. 1	To: 32767 🔆 Base Screen	-	
00	ategory: S	witch	+		
0.s	elacted area				
00	ommon settin	as (excluding settings of	each screen.)		
0.5	mot Text:	All Script	-		
		(Increases			
	Device	Before	After	Point	
1	Bt			1	1
			- 19	16	57
					L
					L
					l

- (3) Set the [After] device and [Point], and execute the batch edit.
  - Changing the start I/O number of the buffer memory
    - Set [Before] to U03-G0, [After] to U05-G0, and [Point] to 10322, and click [Replace]. U03-G0 to U03-G10321 will be changed to U05-G0 to U05-G10321.

							End Nov
· De	vice	Netwo	rk	C CH No.		6	1.014 (1161
0 00	lor	C) Shape					Replace
larget							Delete
	screens					1	Clear
DE	ting screen						
() Sc	reen range:	Protein:	1.44	T= 32767	Base Screet		
0 G	tegory:	Switch		+1			
	Contrast and						
100	NULLAGE ATTAC	napagaan					
0.00	mmon setta	igs (excluding	settings of e	ach screen.)			
10 Sc	not Text:	All Script		+			
	*** / ******						
	Device	Beft	re	1	After	Point	10
1	Word	5014	150		5D1450	1	
- 2	Word	U03	G0		U05-G0	10322	
3	Word	U03-	-61		U03-G1	1	
4	Word	U03-	-62		U03-G2	1	- 1
5	Word	U03	G3		U03-G3	1	
б	Word	U03-	-G4		U03-G4	1	
7	Word	UD3-	-65		U03-G5	1	
8	Word	U03	Gő		U03-G6	1	
1			16	He l		1	
1.5							

Changing the start I/O number of the I/O signal

To change the input signal (X device), set [Before] to X0041, [After] to X0061, and [Point] to 1, and click [Replace]. X0041 will be changed to X0061. To change the output signal (Y device), set [Before] to Y0030, [After] to Y0050, and [Point] to 18, and click [Replace]. Y0030 to Y0041 will be changed to Y0050 to Y0061.

					Find Now
IR De	evice	Network	CH No.	ć	1101101
0.0	stor	C Shape		1	Replace
Target	8				Deleta
IR AL	screens			1	Clear
E	izing screen			1	
0.50	zeen range:	From 1 [5]	10 32767 Base Scree	en - n	
00	tenory:	witch			
	and the second sec				
1.94	peccent area				
	and the second s	on Envolution authors of a	earth screen.]		
0.00	immon secon	de Lawrence di serrei de ce i	and a second		
0.50	rint Text:	Al Script	-		
0.50	ript Text:	Al Script			
050	Device	Al Script Before	- After	Paint	-
050	Device Vord	Al Script Before GS652	After GS652	Point	-
1	Device Word Bit	Al Script Before GS652 X0041	After GS652 X0061	Point 1	
0 Sc 0 Sc 1 2 3	Device Device Word Bit Bit	Al Script Hefore GS652 X0041 Y0030	- After GS652 X0061 Y0050	Point 1 18	-
0 Sc 0 Sc 1 2 3 4	Device Device Word Bit Bit Bit	Al Script           Before           GS652           X0041           Y0030           Y0040	- After GS652 X0061 Y0050 Y0040	Point 1 18 18	3.
0 50 1 2 3 4 5	Device Vord Bit Bit Bit Bit	Al Script           Before           GS652           X0041           Y0030           Y0040           Y0041	After 65652 X0061 Y0050 Y0040 Y0041	Paint 1 16 18 1	<b>-</b>
1 2 3 4 5 6	Device Vord Bit	Al Script Before 65652 X0041 Y0030 Y0040 Y0041 SM1435	After GS652 X0061 Y0050 Y0040 Y0040 Y0041 SM1435	Point 1 16 1 1 1 1 1	-
1 2 3 4 5 6 7	Device Device Viord Bit	At Script           Before           05652           X0041           Y0030           Y0040           Y0041           SM1435           SM1437	After GS652 X0061 Y0050 Y0040 Y0041 SM1435 SM1437	Point 1 18 1 1 1 1 1 1	
0 Sc 0 Sc 1 2 3 4 5 6 7 8	Device Device Viord Bit	Al Script Before 65652 80041 90030 90040 90041 SM1435 SM1437 SM1438	After GS652 X0061 Y0050 Y0040 Y0041 SM1435 SM1437 SM1438	Point 1 16 1 1 1 1 1 1 1	3.
0 Sc 0 Sc 1 2 3 4 5 6 7 8	Device Vord Bit	Al Script Hefore 65652 X0041 Y0030 Y0040 Y0040 Y0041 SM1435 SM1437 SM1438	After GS852 X0061 Y0050 Y0040 Y0040 Y0041 SM1435 SM1435 SM1438	Point 1 1 18 1 1 1 1 1 1 1 1	

#### 7.4.2 To change devices set in [Common]

To change devices set in [GOT Environmental Setting] or in functions such as the recipe function, select [Common Settings] for the target of the Device Batch Edit. Follow the same procedures as in 7.4.1. The devices to change by selecting [Common Settings] are U03-G0 to U03-G12288, Y0040.

 Changing the start I/O number of the buffer memory Set [Before] to U03-G0, [After] to U05-G0, and [Point] to 12289, and click [Replace]. U03-G0 to U03-G12288 will be changed to U05-G0 to U05-G12288.

	ite			1	Find Now
	evice	C Network	C CH No.		
0.0	noic	C) Shape			Replace
Target	6				Delete
OAL	screens			1	Clear
DB	sting acreen				1.1100
O St	reen range:	Richter 1.30	Te: 32767 6 Base Screen		
00	tegory: 3	iwitch	+1		
1.0	Dector and		Contraction of the Contraction o		
-	xmmon settin	gs (excluding settings of	(each screen.)		
D St	mpt Text:	WEDORD	<b>T</b> ]		
_	Device	Before	After	Point	
1	Device Word	Before GD62021	After GD62021	Point	-A
1 2	Device Word Word	Before GD62021 GD62022	After GD62021 GD62022	Point 1	
1 2 3	Device Word Word B/L	Before GD62021 GD62022 Y0040	After GD62021 GD62022 Y0040	Point 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Î
1 2 3	Device Word Bit Word	Before GD62021 GD82022 Y0040 U03-G0	After GD62021 GD62022 Y0040 U05-G0	Point 1 1 1 1 1 1 1 2289	
1 2 3	Device Word Word Bit Word Word	Before GD62021 GD62022 Y0040 U03-G0 U03-G1	After GD62021 GD62022 Y0040 U05-G0 U03-G1	Point 1 1 12289 1	
1 2 3 5 6	Device Word Word Bit. Word Word Word Word Word Word Word Word	Before GD62021 GD62022 Y0040 U03-60 U03-61 U03-620	After GD62021 GD62022 V0040 U05-60 U03-61 U03-620	Point 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1 3 5 6 7	Device Word Bit Word Word Word Word Word	Before GD62021 GD62022 Y0040 U03-60 U03-61 U03-620 U03-64096	After GD62021 GD62022 Y0040 U05-60 U03-61 U03-620 U03-64096	Point 1 1 1 1 1 1 1 1 2289 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1 2 3 5 6 7 8	Device Word Bit Word Word Word Word Word Word Word	Before GD62021 GD62022 Y0040 U03-60 U03-61 U03-620 U03-64096 U03-64096 U03-68192	After GD62021 GD62022 Y0040 U05-60 U03-61 U03-620 U03-620 U03-64096 U03-68192	Point 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1 2 3 5 6 7 8	Device Word Bit Word Word Word Word Word Word	Before GD62021 GD62022 Y0040 U03-60 U03-61 U03-620 U03-64096 U03-68192	After GD62021 GD62022 Y0040 U05-G0 U03-G1 U03-G1 U03-G20 U03-G4096 U03-G8192	Point 1 1 1 1 1 1 2289 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

- Changing the start I/O number of the I/O signal
- Set [Before] to Y0040, [After] to Y0060, and [Point] to 1, and click [Replace]. Y0040 will be changed to Y0060.

Replace
Replace
Tellipte
- Dankrow
Clear
1.1.1.20
<u>*_</u> ^
<u>*</u>
<u>* ^</u>
tt
Nt I

#### 7.4.3 To change devices set in [Script Text]

To change devices set in [Script Text], select [Script Text] for the target of the Device Batch Edit. Follow the same procedures as in 7.4.1.

The devices to change by selecting [Script Text] are U03-G8192 to U03-G10321, X0041 to X0042, Y0040 to Y0041.

 Changing the start I/O number of the buffer memory Set [Before] to U03-G8192, [After] to U05-G8192, and [Point] to 2130, and click [Replace]. U03-G8192 to U03-G10321 will be changed to U05-G 8192 to U05-G10321.

ALCIDI					End Now
	EVICE	Network	C Of No.		
0.0	ior	C) Shape			Replace
Target					Delete
O AL	screens			1	Clear
CE	iting screen				
O Sc	reen range:	Prosti 1.944	Te 32767 🔅 Base Screen		
00	tegory: 5	witch	*		
	instant and				
1.24	INCLUG ANA		en e		
1.000	the second	AN E MANY MAKE A ANTHON AND A	CARLON APPENDIX 1		
0.0	mmon settin	de resconning seconds of	( early arresting		
0 Cc	mmon settin npt Text:	All Script	· each ad each.)		
0 Cc	mmon settin npt Text:	All Script	*		- 100
0 CC	npt Text:	All Script Before	After	Point	
0 Cc	Device Ward	All Script Before 501449	After 501449	Point 1	
0 Cc 8 Sc 1 2	Device Word	AR Script Before 501449 S01451	After 5D1449 5D1451	Point 1	
0 Gr 8 Sr 1 2 3	Device Word Word Word	Before SD1449 SD1451 U03-68192	After 501449 501451 005-68192	Point 1 1 2130	
0 Go 8 Sc 1 2 4	Device Device Ward Word Word Word	Before 501449 501451 003-68192 003-68960	After 501449 501451 005-68192 003-68960	Point 1 1 2130 1	
0 GC 8 SC 1 2 3 4 5	Device Device Word Word Word Word Word Word	Before SD1449 SD1451 U03-68192 U03-68960 U03-69984	After 501449 501451 005-68192 003-68960 003-69984	Point 1 1 2130 1 1	
0 Cc 9 Sc 1 2 4 5 6	Device Device Word Word Word Word Word Word Word Word	Before SD1449 SD1449 SD1451 U03-68192 U03-68960 U03-69984 U03-610256	After 501449 501451 005-68192 003-68960 003-69994 003-610256	Point 1 1 2130 1 1 1	
1 2 4 5 6 7	Device Device Word Word Word Word Word Word Word Word	Before SD1449 SD1449 SD1451 U03-68192 U03-68960 U03-69984 U03-610256 U03-610320	After 501459 501451 U05-68192 U03-68960 U03-69994 U03-610256 U03-610320	Point 1 1 2130 1 1 1 1 1	
1 2 1 2 1 4 5 6 7 8	Device Device Word Word Word Word Word Word Word Word	Before           501449           501451           003-68192           003-68960           003-69984           003-610226           003-610320           003-610321	After 501459 501451 U05-68192 U03-68960 U03-69984 U03-610326 U03-610320 U03-610320	Point 1 1 2130 1 1 1 1 1 1	
1 2 4 5 6 7 8 9	Device Device Word Word Word Word Word Word Word Word	Before           501449           501449           501451           003-68960           003-68964           003-69084           003-610256           003-610320           003-610321	After 501449 501451 U05-68192 U03-68960 U03-68960 U03-610326 U03-610320 U03-610321	Point 1 1 2130 1 1 1 1 1 1 1 1	

• Changing the start I/O number of the I/O signal

To change the input signal (X device), set [Before] to X0041, [After] to X0061, and [Point] to 2, and click [Replace]. X0041 to X0042 will be changed to X0061 to X0062.

To change the output signal (Y device), set [Before] to Y0040, [After] to Y0060, and [Point] to 2, and click [Replace]. Y0040 to Y0041 will be changed to Y0060 to Y0061.

ALCIDU	cu	S			Find Now
# De	IVICE	C Network	C Of No.		Hanking
0.00	lot .	C) Shape		0	мерасе
Target					Delete
OAL	screens				Cear
10 Ed	iting acreen				
O Sc	reen range:	Protei 1 🔤	T⊡ 32767 🔅 Base 5cm	+ 1199	
0 G	tegory: 5	iwitch	-		
1.00	instad ana				
	CONTRACTOR OF ANY				
200	menan cattin	as (auchorises softient a	f each arread \		
0.00	mmon settin	gs (excluding settings o	if each screen.)		
0 Co	mmon settin npt Text:	gs (excluding settings o All Script	if each screen.)		
0 Co	mmon settin npt Text: Device	gs (excluding settings o All Script - Before	if each screen.)	Point	-
0 Co	mmon settin npt Text: Device Word	gs (excluding settings o A& Script Before G5654	After G5654	Point-	-1
0 Co 8 Sc 1 2	mmon settin npt Text: Device Word Word	gs (excluding settings a All Script Before GS654 GS655	After GS654 GS655	Point 1 1	_1
0 Co	mmon settin npt Text: Device Word B&	gs (excluding settings o AE Script: Before GS654 GS655 X0041	After After G5654 G5653 X0061	Point 1 1 2	
0 Co	mmon settin npt Text: Device Word Bit Bit	gs (excluding settings o A&Script: Before GS654 GS655 X0041 X0042	After After G5654 G5653 X0061 X0042	Point 1 1 2 1	
0 Co Sc 1 2 3 4 5	mmon settin npt Text: Device Word Word Bit Bit	gs (excluding settings o A&Script: Before GS654 GS655 X0041 X0042 Y0040	After After G5654 G5653 X0061 X0042 Y0060	Point 1 1 2 1 2	
0 Co Sc 1 2 3 4 5 6	mmon settin npt Text: Device Word Word Bit Bit Bit Bit	gs (excluding settings o A& Script: Before GS654 GS655 X0041 X0042 Y0040 Y0041	After After G5654 G5653 X0061 X0042 Y0060 Y0041	Point 1 2 1 2 1 2	
0 Co 9 Sc 1 2 3 4 5 6 7	mmon settin npt Text: Device Word Bit Bit Bit Bit Bit	gs (excluding settings o A& Script: Before GS654 GS655 X0041 X0042 Y0040 Y0041 SM1436	After After G5654 G5655 X0061 X0042 Y0060 Y0041 SMI436	Point 1 2 1 2 1 2 1 1 2	
0 Co	mmoh settin npt Text: Viord Viord Bit Bit Bit Bit Bit Bit	gs (excluding settings of AR Script G5654 G5655 X0041 X0042 Y0040 Y0041 SN1436 SM1439	After After G5654 G5655 X0061 X0042 Y0060 Y0041 SN1436 SN1439	Point 1 2 1 2 1 2 1 1 1 1	

#### 7.4.4 To change project script

In the project script No.30042, the start I/O number is specified. Follow the procedure below to modify data.



# 7.5 iQSS Backup Folder Configuration

## 7.5.1 Folder configuration

The iQSS backup folder configuration of the SD card in the PLC is as follows. For more details about 1 to 4 in the diagram, please refer to "7.5.2 Folder name, file name details".



### 7.5.2 Folder name, file name details



- 4. <u>SSBRINF.QSI</u> ... System file
  - \*1: The ID numbers of the AnyWireASLINK input/combined slave modules are managed by using the number adding 512 to the ID number which is assigned to the module. Therefore, the control number 512 to 766 is added to the end of the backup folder name for input/combined slave modules.