

# How to use GX Works2 and CSP+ files





## History

Revision	Date	Description	Responsible
0.10	2015-01-29	First draft	JHn / FrR
1.00	2015-01-29	First release	KaD / JHn / FrR
1.01	2015-02-24	Minor updates	KaD

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#### **1** Requirements

List all items needed to perform the steps in the application note here.

Description	Name / Type	Version
Configuration tool	GX Works2	1.98C
Configuration file	0x0212_ABCC-M40-CCL_1.00.04_en	1.00



#### 2 Solution Overview

This document describes how to use GX Works2 and CSP+ files for CC-Link.

### 3 How to Use GX Works2 and CSP+ Files

Open GX Works2 (we are using 1.98C in this example)

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Project	
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Before opening or creating your GX Works2 project, do the following:

1. Choose Tool->Register Profile (browse for the zip-file including the CSP+ file).

<b>Register Profile</b>	9				? 🔀
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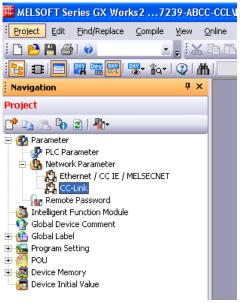
2. Select the zip-file and then push Register button.





Now you can open your GX Works2 project.

3. Select (double click) the Parameter->Network Parameter->CC-Link in the Project browser.



4. The current view.

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5. Check the check box "Set the station information in the CC-Link configuration window", to enable the additional configuration window.

🖧 Network Parameter - CC-Link Module Config	Iration						
Number of Modules 1 💌 Boards Blank : No Se	etting $\overline{ec{ec{v}}}$ Set the station information in the CC-Link configuration window						
Start I/O No.	0020						
Operation Setting	Operation Setting						
Туре	Master Station 🔹						
Master Station Data Link Type	PLC Parameter Auto Start 🛛 🗸 🗸						
Mode	Remote Net(Ver.1 Mode) 🔹						
Total Module Connected(*1)	1						
Remote input(RX)	×1000						

MELSOF	T Series GX Works2									
⚠	The CC-Link configuration is automatically generated according to the configuration of the master station information. Please change or add modules according to the actual configuration.									
	<ul> <li>By creating the CC-Link configuration, the model name and the description of link devices are displayed in the CC-Link device reference window.</li> <li>To display the CC-Link device reference window correctly, change the general intelligent device station to the local station according to the actual CC-Link configuration.</li> <li>The parameter size for writing to PLC will be bigger than normal.</li> <li>Reading from PLC will be impossible for GX Works2 prior to the version 1.67V or GX Developer.</li> </ul>									
	Are you sure?									
	Yes									

- 6. You will now use another window for network settings. There will be some differences in the handling of parameters downloaded to the PLC and in compatibility with older GX Works 2 versions. Click Yes.
- 7. Click the "CC-Link Configuration Setting" button.

	Scan Mode Setting	Asynchronous	
	Delay Time Setting		
	Station Information Setting	CC-Link Configuration Setting	
	Remote Device Station Initial Setting	Initial Setting	
	Interrupt Settings	Interrupt Settings	
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8. The current view.

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Station No.     Model Name     Station Type     Vension     Capted     Cycle Station     Model     Station North     Station North     Station North     Station     Model     Model     Model     Station     Model     Model     Station     Model     Mo	Station No.       Model Name       Station Type       Yousin       A diamond of Station Florids       Station	Mode Setting:	r.1 Mode • TX Speed:	Unk Scar	Time (Approx.	× [	1.28 ms							Select CC-Link   Find Module   My Favorites
Hold Station     Hold     Hold Station     Hold Statin     Hold Statin     Hold Station     Hold Station     Hold Statin	Compared Cycle Sering     Cycle Sering     Stat     Serie Bennie Derice Subon     Water Studon     Wate			Station Tune	Version	# of STA	Expanded	Barrada O atino Dairda	Reserved/Err Invalid				Station-specific	RT 24 1 PE BAL ON X
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STAID Made Ver 1 Soreet Court Toul STAIL Society Court Toul STAIL	STABL Mode (Scewic 2 price 1 terminal B) M Correct Control M Control Control M		A#1-4											Input Module (Waterproof Connector Ty)     Input Module (Embedded I/O Adapter)     Output Module (Screw Terminal Block Ty)
General Re metro Device: Station	General Re to Concer Gatoria Catoria	er.1 Il Connect Count	RD											Output Module (Screw/2-piece Terminal I     Output Module (Spring Clamp Terminal B     Output Module (Sensor Connector Type)
6 8		Gen	e Device											
	happet												>	1
And post		Aput								_	_	_	_	



- 9. Looking under Module List, if we scroll down, we can see the CC-Link module (HMS Industrial Networks AB)->Generic Device"
- 10. Drag and drop the Icon "ABCC-M40-CCL" to the network view.

CC-Link Configuration Module 1 (Start I/O No.: 0020)				
CC-Link Configuration Edit Yew Close with Discarding the Setting Close w	th Reflecting the Setting			
				Module List X
Mode Setting: Ver.1 Mode • TX Speed: 156kbps • Link S	an Time (Approx.): 10.50 ms			Select CC-Link   Find Module   My Favorites
Station No. Model Name Station Type	Version # of STA Expanded Occupied Cyclic Setting		Intelligent Buffer Size(word) -1	
Contracts     Contracts	Ver.1 1 Station Occup Single 32 Pe	per mic	and Receive Auto X	Bobot (5 Series Vertical 5-axis type)       n         Bobot (5 Series Vertical 5-axis type)       Bobot (5 Series Vertical 5-axis type)         Bobot (5 Series Vertical 5-axis type)       Bobot (5 Series Vertical 5-axis type)         Bobot (5 Series Vertical 5-axis type)       Bobot (5 Series Vertical 5-axis type)         B Robot (7 Series Vertical 5-axis type)       Bobot (5 Series Vertical 5-axis type)         B Robot (6 Series Vertical 5-axis type)       Bobot (6 Series Vertical 5-axis type)         B Robot (6 Series Vertical 5-axis type)       B Robot (6 Series Vertical 5-axis type)         B Robot (6 Series Vertical 5-axis type)       B Robot (6 Series Vertical 5-axis type)         B Robot (6 Series Vertical 5-axis type)       B Robot (6 Series Vertical 5-axis type)         B Robot (6 Series Vertical 5-axis type)       B Robot (6 Series Vertical 5-axis type)         B Robot (7 Series Vertical 5-axis type)       B Robot (6 Series Vertical 5-axis type)         B Robot (6 Series Vertical 5-axis type)       B Robot (6 Series Vertical 5-axis type)         B PC       C-Link Module (Personation tendestrial Networks)         B Robot (6 Series Seties 5 SURO)       \$x\$

11. The module is now added to the project.

CC-Unk Configurable	in Edit View Close with Disc	rding the Setting Close with	Beflecting th	e Setting								Module List
Mode Setting:	Ver 1 Mode TX Speed:	10Mbps + Link Scan	Time (Approx	ω): [	1.55 ms							Select CC-Link   Find Module   My Favorites
A Station		Station Type	Version	# of STA	Expanded	Remote Station Points	Reserved/Err Invalid		ent Duffer Siz		Station-specific	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
▼ ■ 0/0 ■ 1/1 ⊗ 2/5	Host Station General Remote Device Station ABCC-MHO-CCL	Master Station	Ver.1 Ver.2	4 Stations Occu 4 Stations Occu		120 Points 056 Points	STA No Setting No Setting	Send	Receive	Auto	mode setting	Robot (S Series Vertical 6-axis type)     Robot (S Series Vertical 5-axis type)     Robot (S Series Horizontal 4-axis type)     Robot (Wafer Transport Horizontal 4-axis type)
												Robot (General Purpose Horizontal 4-axis t     Robot (A Series Vertical 6-axis type)     Robot (A Series Vertical 5-axis type)     Robot (A Series Horizontal 4-axis type)     Robot (Glass Board Transport XY2 type)
	STAR14 STAR58											Robot (Class board Transport AVE type)     Robot (Class Board Transport Cylinder type     Robot (Palleticing)     Robot (Micro Work)     CC-Link Module (MMS Industrial Networks)
STAtt0 Master Ver.1 All Connect Count		)										Generic Device     BABCCH40-CC     DECLINK Module (Panasonic Industrial Devices
	General Re ABCC-M40- note Device CCL Station											[Manufacturer Name] +MS Industrial Networks [Station Type] Remote Device Station [CC-Link Version]
Output												[LL-Unk Version]



12. If you only have this device you can mark the preconfigured device General Remote Device Station at Number #1 and delete it. Now, only the ABCC-40-CCL is visible.

😫 CC-Link Configurati	ion Module 1 (Start I/O	No.: 0020)										
CC-Link Configuration	Edit View Close with Disca	yding the Setting Close with	Reflecting the	Setting								
												Module List
Mode Setting: Ver.	.1 Mode TX Speed:	10Mbps 🖵 Link Scan	Time (Approx	.):	1.28 ms							Select CC-Link Find Module   My Favorites
Station No.	Model Name	Station Type	Version	# of STA Occupied	Expanded Cyclic Setting	Remote Station Points	Reserved/Err Invalid STA	Intelig Send	ent Buffer Size Receive	(word) Auto	Station-specific mode setting	調理調査は大学家
V 100 H	Host Station	Master Station			cycac second		216	Seno	HOLEWE	-	mode second	Robot (S Series Vertical 6-axis type)
· · · · · · · · · · · · · · · · · · ·	ABCC-MH0-CCL	Remote Device Station	Ver.2	1 Stations Occu	Octuple	896 Points	No Setting					Robot (S Series Vertical 5-axis type)     Robot (S Series Horizontal 4-axis type)
												Robot (Wafer Transport Horizontal 4-axis t
												Robot (General Purpose Horizontal 4-axis t
												Robot (A Series Vertical 6-axis type)
												Robot (A Series Vertical 5-axis type)     Robot (A Series Horizontal 4-axis type)
C											>	Robot (Glass Board Transport XYZ type)
1920									_		625	Robot (Glass Board Transport Cylinder type
STAI	.#1-4											Robot (Palletizing)
												Robot (Micro Work)     CC-Link Module (HMS Industrial Networks)
Host Station												Generic Device
STARD Master												@ ABCC-M40-CC
Ver.1												# PLC
All Connect Count												CC-Link Module (Panasonic Industrial Devices
Total STAIL4	M40-											[Manufacturer Name]
0	CL											MS Industrial Networks [Station Type]
												Remote Device Station [CC-Link Version]
											100	An experimental and a second
Output			_	_	_			_	_	_		

- 13. Additional settings can be done in this view such as "Mode Setting:", "TX Speed:", "Station Type", "Version", "# of STA Occupied".
- 14. Under CC-Link Configuration->Close with Reflecting the Setting.
- 15. If there are errors in the configuration, the Output window below will pop up.

MELSOF	T Series GX Works2 🛛 🛛 🔀		
į)	Error(s) in the CC-Link Configuration. Please check the output window.		
<b>Output</b>	en the mode setting of the master station is "Ver.1 M	iode", the version of the slave stations cannot be set other than "Ver.1". AB	CC-M40-CCL NV
<			



16. Make configuration corrections. In this particular case, slave station "Ver2" is not allowed and is replaced by "Ver1".

i       Cocklyke Configuration       Exit is year       Desket with bloggeding the Setting Close with geflecting the Setting       It is is year       It i	El c	😫 CC-Link Configuration Module 1 (Start I/O No.: 0020)													
Mode Setting: Yer.1 Mode Yt Speel: 10thpps Link Scan Time (Approx.): 1.28 mis   Settin No. Model Name Settin Type Yersion 2 of STA Expanded   0/0 Host Station Master Station   1/1 ABCCMM0-CCL Remote Device Station Yersion 2 of STA   2 Current Module Circuite Station Station   1/1 ABCCM0-CCL Remote Device Station Yersion   2 Station Station Yersion 4 Stations Occu Single 1.28 Points   3 No Setting Input Module Circuite Module   1 Input Module Circuite Station Type   4 Station Yersion 4 Stations Occu Single 1.28 Points   3 Input Module Circuite Station Input Module   1 Input Module Circuite Station Input Module   4 Station Station Yersion 4 Stations Occu Single 1.28 Points   3 Station Yersion 4 Stations Occu Single 1.28 Points No Setting   1 Input Module Station Yersion 1.28 Points No Setting   1 Input Module Station Yersion 1.28 Points No Setting   1 Input Module Station Yersion 1.28 Points No Setting   1 Input Module Station Yersion 1.28 Points 1.28 Points   1 Input Module Station Yersion<	i co	C-C-Link Configuration Edit View Close with Discarding the Setting Close with Beflecting the Setting													
Station No.       Model Name       Station Type       Version       2 of STA       Expanded       Remote Station Points       Reserved/jErr Invalid ent Buffer Station         W       Work       Master Station       Remote Station Occupied       Cyclic Setting       Remote Station Points       Send         W       Work       Work       + Stations Occu Single       128 Points       No Setting       B General CC-Link Module       CC-Link Module       B General CC-Link Module       B General CC-Link Module       B General CC-Link Module       CC-Link Module       B General CC-Link Module       B General CC-Link Module       B General CC-Link Module       CC-Link Module       B General CC-Link Module       B General CC-Link Module       B General CC-Link Module												Module List ×			
Statut       Statut       Bigeneral CC-Link Module       Bigeneral CC-Link Module         Image: Statut       Master Statut       Remote Device Statut       Ver.1       + Statutors Occu Single       128 Points       No Setting         Image: Statut       Remote Device Statut       Ver.1       + Statutors Occu Single       128 Points       No Setting         Image: Statut       Remote Device Statut       Ver.1       + Statutors Occu Single       128 Points       No Setting         Image: Statut       Remote Device Statut       Ver.1       + Statutors Occu Single       128 Points       No Setting         Image: Statut       Remote Device Statut       Ver.1       + Statutors Occu Single       128 Points       No Setting         Image: Statut       Remote Device Statut       Ver.1       + Statutors Occu Single       128 Points       No Setting         Image: Statut       Remote Device Statut       Ver.1       + Statutors Occu Single       128 Points       No Setting         Image: Statut       Remote Device Statut       Ver.1       + Statutors Occu Single       128 Points       No Setting       Image: Statut         Image: Statut       Statut       Image: Statut		Mode Setting: Ver.1 Mode 💌 TX Speeg: 10Mbps 💌 Link Scan Time (Approx.): 1.28 ms										Select CC-Link Find Module My Favorites			
0/0       Hest Station       Master Station       Master Station       EC-Link Module (Mitsubishi Electri B Master/Local Module         0/0       Hest Station       Ward V at Stations Occu Single       128 Points       No Setting         0/0       Hest Station       Ward V at Stations Occu Single       128 Points       No Setting         0/0       Host Station       Ward V at Stations Occu Single       128 Points       No Setting         0/0       Host Station       Ward V at Stations Occu Single       128 Points       No Setting         0/0       Host Station       Ward V at Stations Occu Single       128 Points       No Setting         0/0       Host Station       Ward V at Stations       Master / Local Module       Input Module (Screw / 2-piece Tri B Input Module (S	<u></u>	Sta	ation No.	. Model Name	Station Type	Version		Expanded Cyclic Setting	Remote Station Points	Reserved/Err Invalid STA	ent Buffer Sizeι Send ε				
(%)       1/1       ABCC-M40-CCL       Renote Device Station       Veral       If \$28 points       No Setting         Imput Module (Screw / Z-pice T)         Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)         Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)         Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)         Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)         Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)         Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)         Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)         Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)         Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)         Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)       Imput Module (Screw / Z-pice T)         Imput Modu	$ \mathbf{v} $		0/0	Host Station	Master Station										
Input Module (Screw / Zepiece Ti Input Module (Screw / Zepie		۲	1/1	ABCC-M40-CCL	Remote Device Station	Ver.1 💌	4 Stations Occu	Single	128 Points	No Setting					
Input Module (Screw/2-piece Ti Input Module (Screw/2-piece Ti Input Module (Screw/2-piece Ti Input Module (Screw/2-piece Ti Input Module (Core to connect Input Module (Core to connect Input Module (Core to connect Input Module (Corew/2-piece Ti Input Module (Corew/2-piece															
Input Module (Spring Clamp Te Input Module (Sensor Connect) Input Module (Sensor Connect) Input Module (Arbitration Clamp Te) Input Mod												Input Module (Screw/2-piece Tr			
Input Module (Sensor Connect: Input Module (De-touch Conn Input Module (De-touch Conn Input Module (De-touch Conn Input Module (Chebedded 1/0 A Input Module (Screw /2-piece Input Module (Screw /															
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STA#14 Hot Status STA#14 Hot Status STA#14 Hot Status STA#14 Module (30-pin Connecto B Dutput Module (40-pin Connecto B Dutput Module (Screw/2-pince B Dutp		_													
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**Error ** When the mode setting of the master station is "Ver.1 Mode", the version of the slave stations cannot be set other than "Ver.1". ABCC-M40-CCL_NV_E02107	Out	Output ×													
	**Error** When the mode setting of the master station is "Ver.1 Mode", the version of the slave stations cannot be set other than "Ver.1". ABCC-M40-CCL. NV_E02107.														
	P .	p little													

- 17. Try the "Close with Reflecting the Setting" again.
- 18. If all errors in the assignment are fixed ->Success!
- The mapping of the individual slaves to the master can be viewed in the 'CC-Link Device Reference'window. Press et access (also found under View->Docking Window).
- 20. Select the "Master/Local Start I/O No:". Now the button "Output CSV File..." is enabled.

Navigation		10.		
	Parameter a summer a sector			_
Project	Operation Setting	Operation Setting		_
P 43 13 90 21 47-	Туре	Master Station	-	_
Parameter	Master Station Data Link Type	PLC Parameter Auto Start	-	
PLC Parameter	Mode	Remote Net(Ver.1 Mode)		-
E hetwork Parameter	Total Module Connected(*1)			_
Ethernet / CC IE / MELSECNET	Remote input(RX)	×1000		_
Courk.	Renote output(RY)	Y1000		_
Renote Password	Remote register(RWr)	DO		_
Global Device Comment	Remote register(RWw)	0500	2	_
Gobal Label	Ver.2 Renote input(RO)			-
See Program Setting	Ver.2 Renote output(RY)			_
8 🖉 POU	Ver.2 Remote register(RWh)			
E Program	Ver.2 Remote register(RWw)			
E	Special relay(S8)	500		_
Program	Special register(SW)	SWO		_
Local Label	Reby Count			
<ul> <li>FB/FUN</li> <li>Structured Data Types</li> </ul>	Automatic Reconnection Station Count			_
Local Device Comment	Standby Master Station No. (*1)	200		_
B Device Memory	PLC Down Select	Stop • Asynchronous •		
Device Initial Value	Scan Mode Setting	Asynchronous •		_
	Delay Time Setting Station Information Setting	CC-Link Configuration Setting		
PUMPOTE -		CC-Crk Computation Setting		
Project.	Remote Device Station Initial Setting Interrupt Settings	and setting		-
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L/ 10	: .			
Output				
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No. Result Data Name	Gass Content		Error Code	-
No. PESO. Cola habe	Contra		Dia case	_
				_
	Start I/O No.: 0020 Station No.: 0			
CC-Link Device Reference - Master Station		lay Detailed Information Displa	v Optiop. Output CSV File.	
	Republic Link Controlling Int		opending opending of the	
Mester/Local Start I/O No: 0000 💌 🤇	Entrance in the state of the st	Reside A to tRA		
Master/Local Start I/O No: 2000 - C	80	Remote Output(RV)		1
Mester/Local Stat I/O No: 0000  Renote Post	60) R STA	Torget STA		
Mexter/Local Stat I/O No. 0000  Renote Inputs) Non- Renote Inputs Renote Inputs Renote Inputs Renote Input Re	KO) H STA Host STA Retresh	Terget STA	Retresh	
Meeter/Local Stat I/D No: 0000  Rende Pould Rende Poul	00 Host STA Explanation Explanation ST.	Terget STA U Link Explore Device Explore	elon Retresh Device	SIA D
Mexter/Local Stat I/O No. 0000  Renote Inputs) Non- Renote Inputs Renote Inputs Renote Inputs Renote Input Re	KO) H STA Host STA Retresh	Torget STA U Link Explore RY/0 RV/0	Retresh	STAF D



21. In the 'CC-Link Device Reference'-window, press the 'Output CSV File...' button to export the slave mapping into a .csv file (comma separated file). This file can be read into the 'Global Labels' (right click 'Global Label'-> Read from CSV File...).

NOTE! The newly created labels are STATIC. If the slaves are reorganized, the labels will NOT be valid.

1 C C R T R T - 1 - 0 M		PRESSING	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
Navigation 9 X		Link Modul							
Project	Class	Label Name	Data Type	Constant	Device	Addess	Comment	Remark	Relation
1 44 13 Po (1) R-	1 WAR_GLOBAL	→ aRid)ata	84(0.31)	2 X0043432	x1000	2014/395			100000000
Parameter	2 VAR_GLOBAL	<ul> <li>affrData</li> </ul>	04(0.31)		Y1000	3(2)(40)6			_
PLC Parameter	3 VAR_GLOBAL	<ul> <li>alfwi0ala</li> <li>alfwi0ala</li> </ul>	Word[Unsgned]/EkSting[16-bit][0.3]		DO	3MW0.0			_
Network Parameter	4 VAR_GLOBAL		Word[Unsigned]/Bit String[15-bit][0.3]		D500	3MW0.500			_
Ethernet / CC IE / MELSECNET	5								-
CC-UNK	0	-							_
Remote Password									_
Intelligent Function Module	0	-			-				_
Gobal Device Comment	10					_			_
😑 🚯 Global Label	11			-					_
Global1	12								_
🕫 🚰 Program Setting	13			-					_
B POU	14					-			_
E Program	15					-			_
E C POU, DI	16	*				-			
Program	17								
Local Label	18	*		2					
C FB/FUN	•1			100 0.00 00 00 00 00 00 00 00 00 00 00 00	100				
Structured Data Types	Distant block is account to	be registered. 🔲 System label	is account to be coloured The system	label is already registere	d				
Local Device Comment	D System able 6 reserved to	be redecered.	to the syste	n label database.					
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	label, reflection to the system								
	Please execute Treflect to Sy	ystem Label Database'.	2				Reservation to F	Weater System Lubel	
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	Please execute Traffect to Sy * To execute Online Program Change and save.	ystem Label Database'.						Weater System Lubel	
4 Project	Please execute Traffect to Sy * To execute Online Program Change and save.	ystem Label Database'.	•					Not Reflected: 0	
Ar Project	Please execute Variance Program * To execute Online Program Change and save.	ystem Label Database'.	•					Not Reflected: 0	Roffer Sector Date
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Ar Project	Please execute Variance Program * To execute Online Program Change and save.	intern Label Database'. In Change, execute Online Program	*	Bror Code				Not Reflected: 0	
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Ar Project	Please execute Paffect to Sy * To existic online Program Change and size.	intern Label Database'. In Change, execute Online Program	*	Error Code				Not Reflected: 0	
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Trajet Delpet No. Fand C. Lak Device Reference - Master Station Sta	Please seache Reflect to Sy To encode Orline Porgan Onarge and see. Class Content art L/0 No. 6020 Station No. 0 Signe Station List © Link Device List	rstem Label Databae'. n Change, esecute Chine Program			Rende F	Register(1914)		Not Reflected: 0	
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Project     Project     Datput     No. Result Code Status     Code Status	Place searcher haffest to give * To except from Propert Ourge and Speet Class Context and 1/0 Na: 6020 Station No: 8 Signe Station Lint (* Link Device Lint To	n Diangle classifications". In Diangle classification Program R T Diagley Detailed (r/om Houst TA) Retern	ation Display Opting. Output Rende Output(PT) Target 11.	V File.	Line	Terget STA	Post STA	Nexes Ingelen/White/	
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22. Confirm the reading.

MELSOF	T Series GX Works2
⚠	Reading of the specified file will start. Do you want to continue?
	Caution -The current header setting will be deleted. -If many windows are open, it may take more time to read. -Once reading is executed, it cannot be undone. <u>Yes</u> <u>No</u>



23. Global Labels are now reading the .csv file.

MELSOFT Series GX Works27239-AB Project Edit EndiReplace Comple Yew			rtting Globalt ]						
			# #	10.10					= 0
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oiect	Class	Label Name	Data Type	Constant	Device	Addens	Connert	Benak	Relation with
75 (A) (B)	1 VAR GLOBAL	- No1 St1 RDD	8#	200000000	000100	1004036		Start I/O No : 0020 Station No : 1 -	
43 5 30 31 40-	2 VAR_GLOBAL	· Not Set FDC1	De .		001001	20(8)97		Start I/O No.: 0020 Station No.: 1 -	
Parameter	3 VAR_GLOBAL	<ul> <li>No1_St1_FDQ2</li> </ul>	04		20002	20(4098		Start I/O No : 0020 Station No : 1 -	-
PLC Parameter	4 VAR_GLOBAL	<ul> <li>No1_St1_RX3</li> </ul>	Ba		×1003	320(4099		Start I/O No.: 0020 Station No.: 1 -	
🗄 🥵 Network Parameter	5 VAR GLOBAL	· No1 Sr1 RX4	8#		×1004	30(4100		Start I/O No : 0020 Station No : 1 -	-
C-LINK	6 VAR GLOBAL	<ul> <li>No1_St1_R05</li> </ul>	8#		×1005	30(4101		Start I/O No : 0020 Station No : 1 -	-
CC-Link	7 VAR_GLOBAL	<ul> <li>No1_St1_R06</li> </ul>	8#		×1006	320(4102		Start I/O No.: 0020 Station No.: 1 -	-
Remote Password	R VAR GLOBAL	<ul> <li>No1 Sr1 RX7</li> </ul>	84		×1007	30(4103		Start I/O No : 0020 Station No : 1 -	-
Intelligent Function Module	9 VAR GLOBAL	<ul> <li>No1 5/1 F0/8</li> </ul>	64		00000	30(4104		Start U/D No - 0020 Station No : 1 -	-
Global Device Consent	10 VAR GLOBAL	<ul> <li>No1_St1_F009</li> </ul>	0.4		2(1009	3004105		Start I/O No : 0020 Station No : 1 -	
📫 Global Label	11 VAR GLOBAL	<ul> <li>No1 St1 F0006</li> </ul>	0.e		2004	320(4106		Start I/O No : 0020 Station No : 1 -	-
Cicenti Cicenti	12 VAR GLOBAL	<ul> <li>No1 Sr1 Rocal</li> </ul>	0.e		2006	30(4107		Start I/O No : 0020 Station No : 1 -	-
E Program Setting	13 VAR GLOBAL	· No1_S11_R000C	0.4		27000	30(4108		Start I/O No - 0020 Station No : 1 -	-
POU	14 VAR_GLOBAL	<ul> <li>No1_St1_RX00</li> </ul>	Be		×1000	30(4109		Start I/O No: 0020 Station No: 1 -	-
E Program	15 VAR_GLOBAL	· No1 St1 R00E	Br	-	×100E	30(4110		Start I/O No: 0020 Station No: 1 -	-
E ge POU DI	16 VAR GLOBAL	· No1 St1 RXDF	Be		X100F	30(411)		Start I/O No: 0020 Station No: 1 -	-
en Program	17 VAR GLOBAL	<ul> <li>No1 Srt Rx10</li> </ul>	84	-	×1010	10(4112		Start I/O No.: 0020 Station No.: 1 -	-
Local Label	18 VAR GLOBAL	Vol Srl Rk11	Br	-	×1011	30(4113		Start I/O No: 0020 Station No: 1 -	-
FB/FUN	18 FAST GLOUNE	· Hot bit form	104			Incontrol I		Control to the state into the	
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io. Result Data Name	Class Conten	t		Error Code					
	art 1/0 %a: 0020 Station No.: 0			Output CSV File					
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aster/Local Start I/D No. 0020 🔹 🔿	Signe Station List 🌾 Link Device List			Cupu C2v Fee	Benche	Bereicher (BAR)		Especta Danietar/BAla/	
aster/Local Stat I/D No. 0020 • C	Sigve Station List 👎 Link Device List	•	enote Output(RY)	~	Renote	Register(RM) Target STA	A Hout STA	Remote Register(RM/w) Terrort STA	
eter/Local Stat I/O No. 0020   Renote Input/7X  Permote Input/7X	Sigve Station List 👎 Link Device List	Host STA Refresh crase Link		Host STA Ratresh	Line	Register(RNA) Target STA Explanation	Host STA Retreath Denkes STA	Target STA	
etter/Local Stat I/D No. 0020	Sigve Station List 🦩 Link Device List ) STA	Host STA Refresh Device STA# Link Device	enote Output(RY) Target STA	Hote STA	ur Link Device	Terget STA	Refresh Device STA	Target STA U Link Explanation	
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enter/Local Start I/D No. 0000   Remote Input/RK tott STA Device STA# Left Device RK RK RK RK RK	Sigve Station List 🦩 Link Device List ) STA	HottSTA Refresh Device Device V1000 V1001 RV1	enote Output(RY) Target STA	Host STA Retresh Device Cri	U Line Device RiveD Rive1	Terget STA	Refrech Device STA	Target STA Unk Explanation RWW0 RWW1	
enter/Local Start I/D No. 0020   Remote Input/RX  Remote	Sigve Station List 🦩 Link Device List ) STA	Host STA Refresh STAR Link Device STAR Device V1000 1 RV0	enote Output(RY) Target STA	Host STA Retreph Device ST	d Line Device RV40	Terget STA	Refresh Device STA	Target STA Target STA Unit Device Explanation RVW0 Potent	

24. These labels can now be used in the PLC program code.

MELSOFT Series GX Works27239-ABCC	CCLVPLC prog/Generic003UDE	Project.gov - [POU_01 [PR6] Program [	8111				- 6 🖬
Epotect Edit End/Replace Comple Yew Q	when Debug Diagnostics Tool	Window (Help					- 6 >
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B POU							
E Program							
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tocal Label							
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Local Device Comment							
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	•						
Output							• •
No. Result Data Name Cla	es Content		Error	Code			
CC-Link Device Reference - Master Station Star	t 1/0 No.: 0020 Station No.: 0						÷ x
Master/Local Start I/D No. 0020 • C Sig	ve Station List 👎 Link Device List	Display Detailed Information	Display Option Output CSV File.				
Remote input/RXQ	<u>^</u>	Renote Output			Renote Register(RM)	1	Remote Register(RM/w)
Host STA Target STA				Rotresh Link	Terget STA	Host STA	Target STA
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			trigith 97	ructured	deanne	PNOK	une: o Insert O/ NUM

25. Now it is time to design your own code.