Schneider M340/M580 Series (Symbolic

Addressing) (Ethernet)

Supported Series: Schneider M340/M580 series (Support firmware v2.70 or later) Website: <u>http://www.schleicher-electronic.com</u>

HMI Settings:

Parameters	Recommended	Options	Notes
PLC type	Schneider M340/M580 Series (Sy	mbolic Addressing) (Ethernet)	
PLC I/F	Ethernet		
Port no.	502		

PLC Settings:

Data dictionary	Enable

Tools -> Project Settings -> PLC embedded data -> Activate the Data Dictionary

Project Settings	Property label	Property value
General	Data dictionary	V
- Build settings	Preload on build changes	Г
Project autosaving on download	Effective Build changes time-out (sec)	40
PLC embedded data	Only HMI variables	Г
- PLC diagnostics	Upload information	v
- Path	Comments	4
- Time	Animation tables	Г
Configuration	Upload information management	Automatic
- Variables ⊜ Program	Optimize data on-line change	r

Support Device Type:

Data Type	EasyBuilder data format	Memo	
BOOL	bit	*Note1	
EBOOL	bit	*Note1	
BYTE	16-bit BCD, Hex, Binary, Unsigned	8-bit	
DATE	32-bit BCD, Hex, Binary, Unsigned	32-bit	
DINT	32-bit BCD, Hex, Binary, Signed	32-bit	
DWORD	32-bit BCD, Hex, Binary, Unsigned	32-bit	
INT	16-bit BCD, Hex, Binary, Signed	16-bit	
REAL	32-bit Float	32-bit	
STRING	ASCII input and ASCII display		
TIME	32-bit BCD, Hex, Binary, Unsigned	32-bit	
TOD	32-bit BCD, Hex, Binary, Unsigned	32-bit	
UDINT	32-bit BCD, Hex, Binary, Unsigned	32-bit	
UINT	16-bit BCD, Hex, Binary, Unsigned	16-bit	
WORD	16-bit BCD, Hex, Binary, Unsigned	16-bit	

***Note1:** Mapping ebool type to external IO may cause unknown communication errors. It is recommended to use bool type for mapping.



Support Tables:

Variables table Derived data types table Structure Array (Supported one dimension) Array data structure

*[Edit Bit Rank] The generated address is not supported.







How to Import Tags:

1. Export file (*.XSY) from PLC Sofeware.

Project Browser	1								
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2. Import tags in the driver settings of EasyBuilder Pro.

Cellular Di	ata Network	Printer,	/Backup Sei	rver	Time Sync./I	DST	e-Mail
Device	Model	General	System	Remote	Security	r	Extended Memo
Device list:							What's m
	Name		Location	Device Type			
Local HMI	Local HMI		Local	eMT3105 (800)	x 600)		
Local Devic	ce 4 Schneider	M340/M580 series	s Local	Schneider M34	0/M580 series	(Symbol	ic Addressing) (Et
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3. Select the file format to import.

Import Tags	×				
Importer type	Туре				
Import Files (*.XSY)	Hierarchical				
Import Files (*.CSV)	EBProTag				
<	>				
In Unity Pro XL, select[Tools]->[Project Settings]->[PLC embedded data]->[Use data dictionary].					
	Cancel				

4. Import results dialog.



Wiring Diagram:



Ethernet cable: