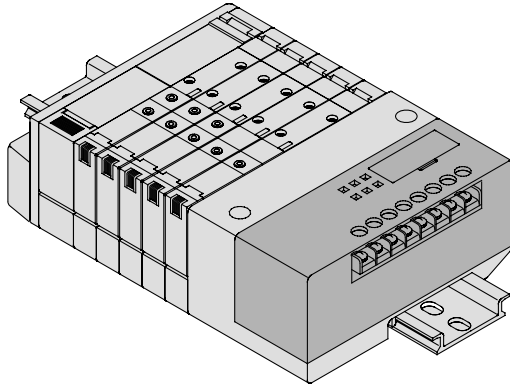


Integrated Type/For Output

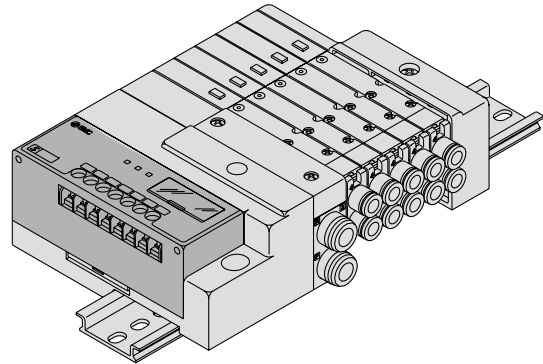
Series *EX140*

- ★ Thinner unit with low height
- ★ Maximum 16 outputs

SZ3000



SQ1000/2000



How to Order SI Unit

EX140 - S DN1

• **Communication protocol**

DN1	DeviceNet
MJ1	CC-Link
CS1	OMRON Corp.: CompoBus/S (16 outputs)
CS2	OMRON Corp.: CompoBus/S (8 outputs)
SL1	SUNX Corp.: S-LINK (16 outputs)
SL2	SUNX Corp.: S-LINK (8 outputs)
UW1	NKE Corp.: Uni-wire System
UH1	NKE Corp.: Uni-wire H System

Note) Please consult SMC for networks other than those mentioned above.

SI Unit Specifications

Model		EX140-SDN1	EX140-SMJ1	EX140-SCS1 EX140-SCS2	EX140-SSL1 EX140-SSL2	EX140-SUW1	EX140-SUH1
Communication specification	Applicable system	DeviceNet	CC-Link	OMRON Corp.: CompoBus/S	SUNX Corp.: S-Link	NKE Corp.: Uni-wire System	NKE Corp.: Uni-wire H System
	Protocol Version <small>Note 1)</small>	Release 2.0	Ver. 1.10	—	—	—	—
	Communication speed	125 k/250 k/500 kbps	156 k/625 kbps 2.5 M/5 M/10 Mbps	750 kbps	28.5 kbps	28.5 kbps	29.4 kbps
	Specified file <small>Note 2)</small>	EDS file	—				
	Occupied area (Number of inputs/outputs)	0/16	32/32 (1 station, remote I/O stations)	SCS1: 0/16 SCS2: 0/8	SSL1: 0/16 SSL2: 0/8	0/16	
Terminal resistor	Not applicable						
Power supply	For unit	11 to 25 VDC	15 to 30 VDC	14 to 26.4 VDC	24 VDC+10%/-5% (Common power supply)	24 VDC±10% (Common power supply)	
	For valve	24 VDC+10%/-5%					
Internal current consumption (Unit)	100 mA or less						
Output specification	Output type	NPN output (+COM.)					
	Number of outputs	16 points		SCS1/SSL1: 16 points SCS2/SSL2: 8 points		16 points	
	Connection load	SMC: Solenoid valve with light/surge voltage suppressor (24 VDC, 2.1 W or less)					
	Output when communication error occurs	Hold/Clear (Switch setting)				Clear	
Environmental resistance	Enclosure	IP20					
	Operating temperature range	0 to +55°C (Valve 8 points ON) 0 to +50°C (Valve 16 points ON)					
	Operating humidity range	35 to 85%RH (With no condensation)					
	Withstand voltage	1500 VAC for 1 min. between external terminals and case					
	Insulation resistance	2 MΩ or more (500 VDC) between external terminals and case					
	Vibration resistance	10 to 55 Hz with a 0.5 mm amplitude in each X, Y, Z direction for 2 hrs (De-energized)					
Impact resistance	98 m/s ² , in each X, Y, Z direction, 3 times (De-energized)						
Standard	CE marking				—		
Accessory	Communication connector 1 pc., Power connector 1 pc.		—				

Note 1) Please note that the version is subject to change.

Note 2) Each file can be downloaded from SMC's website (<http://www.smcworld.com/>).

Note 3) For detailed specifications other than the above, refer to the separate technical operation manual that can be downloaded from SMC's website (<http://www.smcworld.com/>).

EX

SI Unit Dimensions / Parts Description

EX140-SMJ1, SCS□, SSL□, SUW1, SUH1

EX140-SDN1

