

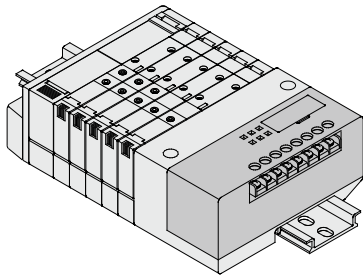
For Output

Series EX140

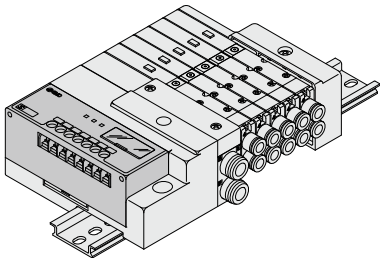


- ★ Thinner unit with low height
- ★ Maximum 16 outputs

SZ3000



SQ1000/2000



How to Order SI Unit

EX140 - S **DN1**

• Communication protocol		CE-compliant
DN1	DeviceNet™	●
MJ1	CC-Link	●
CS1	OMRON Corp.: CompoBus/S (16 outputs)	●
CS2	OMRON Corp.: CompoBus/S (8 outputs)	●
SL1	Panasonic Industrial Devices SUNX Co., Ltd.: S-LINK (16 outputs)	—
SL2	Panasonic Industrial Devices SUNX Co., Ltd.: S-LINK (8 outputs)	—
UW1	NKE Corp.: Fieldbus System	—
UH1	NKE Corp.: Fieldbus H System	—

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

SI Unit Specifications

Model			EX140-SDN1	EX140-SMJ1	EX140-SCS1 EX140-SCS2	EX140-SSL1 EX140-SSL2	EX140-SUW1	EX140-SUH1	
Communication	Applicable system	Protocol	DeviceNet™	CC-Link	OMRON Corp.: CompoBus/S	Panasonic Industrial Devices SUNX Co., Ltd.: S-Link	NKE Corp.: Fieldbus System	NKE Corp.: Fieldbus H System	
		Version Note 1)	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	
	Configuration file Note 2)		EDS file	—					
	I/O occupation area (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		
Terminating resistor			Not provided						
Power supply voltage	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	Output type		Sink/NPN (Positive common)						
	Number of outputs		16 outputs		SCS1/SSL1: 16 outputs SCS2/SSL2: 8 outputs		16 outputs		
	Load		Solenoid valve with surge voltage suppressor 24 VDC, 2.1 W or less (SMC)						
	Fail safe		Hold/Clear (Switch setting)					Clear	
Environment	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 whole external terminal and enclosure						
	Insulation resistance		2 MΩ or more (500 VDC) between whole external terminal and enclosure						
Standards			CE marking			—			
Weight			80 g or less						
Accessory			Communication connector 1 pc. Power supply connector 1 pc.		—				

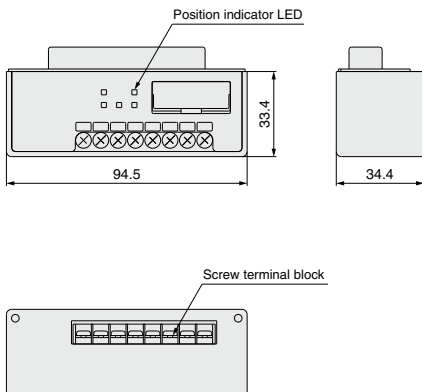
Note 1) Please note that the version is subject to change.

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

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

SI Unit Dimensions/Parts Description

EX140-SMJ1, SCS□, SSL□, SUW1, SUH1



EX140-SDN1

