

Product type designation

SCALANCE PE400-8SFP

PE400-8SFP PORT EXTENDER FOR SCALANCE XM-400

MANAGED MODULAR IE SWITCH; EXPANSION: 8 X 100/1000

MBIT/S SFP



Transmission rate

Transfer rate	100 Mbit/s, 1000 Mbit/s
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Interfaces / for communication / integrated

Number of electrical connections	
• for SFP	8

Interfaces / for communication / pluggable / maximum

Number of electrical connections	
• for SFP	8

Interfaces / others

Number of extender expansion interfaces	2
Product feature / hot-swappable interface modules	Yes

Supply voltage, current consumption, power loss

Consumed current / maximum	0.07 A
Power loss [W]	
• at DC / at 24 V	1.7 W

Permitted ambient conditions

Ambient temperature	
• during operation	-40 ... +60 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Relative humidity	
• at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

Design, dimensions and weight

Design	SIMATIC S7-1500 device design
Number of modular height units / relating to 19-inch cabinet	1
Width	70 mm
Height	147 mm
Depth	125 mm
Net weight	0.6 kg
Mounting type	
• 19-inch installation	No
• 35 mm DIN rail mounting	Yes
• wall mounting	No
• S7-300 rail mounting	Yes
• S7-1500 rail mounting	Yes

Standards, specifications, approvals

Standard	
• for FM	FM3611: Class 1, Division 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
• for hazardous zone	EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX 0145 X, IECEx DEK 14.0025X
• for safety / from CSA and UL	UL 508, UL 60950-1, CSA C22.2 Nr. 60950-1-03
• for hazardous zone / from CSA and UL	ISA 12.12.01-2012 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Certificate of suitability / CE marking	Yes
Certificate of suitability	EN 61000-6-2, EN 61000-6-4
• C-Tick	Yes
• KC approval	Yes
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	Yes

• Germanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA)	No Yes Yes Yes Yes
MTBF / at 40 °C	63 y

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx Download Manager • to website: Industry Online Support	http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

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