

PE408PoE Port Extender for SCALANCE XM-400 managed modular IE switch; extension by 8x 10/100/1000 Mbit/s RJ45 with up to 8 ports PoE according to IEEE802.3AT; for PoE separate power supply required



Product type designation	SCALANCE PE408PoE
Transfer rate	
Transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
Interfaces / for communication / Integrated	
Number of electrical connections	
• for network components or terminal equipment	8
• for Power-over-Ethernet / for network components or terminal equipment	8
Number of 10/100/1000 Mbit/s RJ45 ports / Integrated	
• with securing collar / with PoE	8
Interfaces / other	
Type of electrical connection	
• for power supply	2-pole terminal block
Number of extender expansion interfaces	2
Product feature / hot-swappable interface modules	Yes
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC

Supply voltage	
<ul style="list-style-type: none"> external 	54 V
<ul style="list-style-type: none"> external / minimum 	51.3 V
<ul style="list-style-type: none"> external / maximum 	56.7 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	F 4 A / 60 V
Consumed current / maximum	0.2 A
Power loss [W]	
<ul style="list-style-type: none"> at DC / at 24 V 	4.8 W
Supplied active power / of PSE / with PoE	
<ul style="list-style-type: none"> per port / maximum 	30 W
<ul style="list-style-type: none"> total / maximum 	180 W

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation 	-40 ... +60 °C
<ul style="list-style-type: none"> during storage 	-40 ... +85 °C
<ul style="list-style-type: none"> during transport 	-40 ... +85 °C
Relative humidity	
<ul style="list-style-type: none"> at 25 °C / without condensation / during operation / maximum 	95 %
Protection class IP	IP20

Design, dimensions and weights

Design	SIMATIC S7-1500 device design
Width	70 mm
Height	147 mm
Depth	125 mm
Net weight	0.7 kg
Mounting type	
<ul style="list-style-type: none"> 19-inch installation 	No
<ul style="list-style-type: none"> 35 mm DIN rail mounting 	Yes
<ul style="list-style-type: none"> wall mounting 	No
<ul style="list-style-type: none"> S7-300 rail mounting 	Yes
<ul style="list-style-type: none"> S7-1500 rail mounting 	Yes

Product functions / management, configuration, engineering

PROFINET conformity class	B
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Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> for FM 	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
<ul style="list-style-type: none"> 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
- for hazardous zone / from CSA and UL
- for emitted interference
- for interference immunity

UL 508, UL 60950-1, CSA C22.2 Nr. 60950-1-03
 ISA 12.12.01-2012 (Hazardous Location), Class 1 / Division 2 /
 Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4
 EN 61000-6-4 (Class A)
 EN 61000-6-2

Standards, specifications, approvals / CE

Certificate of suitability / CE marking Yes

Standards, specifications, approvals / other

Certificate of suitability EN 61000-6-2, EN 61000-6-4

- C-Tick Yes
- Railway application in accordance with EN 50121-4 Yes
- KC approval Yes

Standards, specifications, approvals / marine classification

Marine classification association

- American Bureau of Shipping Europe Ltd. (ABS) Yes
- Bureau Veritas (BV) Yes
- Det Norske Veritas (DNV) No
- Germanische Lloyd (GL) No
- DNV GL Yes
- Lloyds Register of Shipping (LRS) Yes
- Nippon Kaiji Kyokai (NK) Yes
- Polski Rejestr Statkow (PRS) Yes
- Royal Institution of Naval Architects (RINA) Yes

Further information / Internet-Links

Internet-Link

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

Security information

Security information

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