SIEMENS

Data sheet 6GK5408-0PA00-8AP2



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 / maximum configuration for modular devices	
number of electrical ports / maximum	8
number of electrical ports / with PoE / maximum	8
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	
product component / connection for redundant voltage supply	Yes
supplied active power / of PSE / with PoE	
● per port / maximum	30 W
● total / maximum	180 W
type of voltage / 1 / of the supply voltage	DC
● supply voltage / 1 / rated value	54 V
● power loss [W] / 1 / rated value	4.8 W
● supply voltage / 1 / rated value	51.3 ... 56.7 V
● consumed current / 1 / maximum	0.2 A
● type of electrical connection / 1 / for power supply	2-pole terminal block
● product component / 1 / fusing at power supply input	Yes
● fuse protection type / 1 / at input for supply voltage	F 4 A / 60 V
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

Subject to change without notice
© Copyright Siemens

design, dimensions and weights	
design	SIMATIC S7-1500 device design
width	70 mm
height	147 mm
depth	125 mm
net weight	0.65 kg
fastening method	
● 19-inch installation	No
● 35 mm top hat DIN rail mounting	Yes
● wall mounting	No
● S7-300 rail mounting	Yes
● S7-1500 rail mounting	Yes
product functions / management, configuration, engineering	
PROFINET conformity class	B
standards, specifications, approvals	
standard	
● for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
● for safety / from CSA and UL	UL 508, UL 60950-1, CSA C22.2 Nr. 60950-1-03
● for emitted interference	EN 61000-6-4 (Class A)
● for interference immunity	EN 61000-6-2
reference code	
● according to IEC 81346-2	KF
● according to IEC 81346-2:2019	KFE
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / hazardous environments	
standard / 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
● 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
certificate of suitability	
● CCC / for hazardous zone according to GB standard	Yes
● CCC / for hazardous zone according to GB standard / as marking	Ex nA IIC T4 Gc
standards, specifications, approvals / other	
certificate of suitability	EN 61000-6-2, EN 61000-6-4
● C-Tick	Yes
● KC approval	Yes
● railway application in accordance with EN 50121-4	Yes
standards, specifications, approvals / marine classification	
Marine classification association	
● American Bureau of Shipping Europe Ltd. (ABS)	Yes
● French marine classification society (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 web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
● 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	

Subject to change without notice
© Copyright Siemens

security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial security measures that may be implemented, please visit https://www.siemens.com/industrialsecurity. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed under https://www.siemens.com/cert. (V4.6)

Approvals / Certificates

General Product Approval		EMC	For use in hazardous locations		
Manufacturer Declaration	UL	RCM	ATEX-Zone 2-Declaration	IECEx	FM

For use in hazardous locations		Declaration of Conformity			
CCC-Ex	UL	EG-Konf.	EAC	UKCA	Manufacturer Declaration

Test Certificates	Marine / Shipping				
Type Test Certificates/Test Report	ABS	BUREAU VERITAS	LRS	NK / Nippon Kaiji Kyokai	PRS

Marine / Shipping		Environment
RINA	DNV·GL	

last modified: 9/22/2023

Subject to change without notice
© Copyright Siemens