SIEMENS

Data sheet 6GK5400-8AS00-8AP2



PE400-8SFP Port Extender for SCALANCE XM-400 managed modular IE switch; extension by 8x 100/1000 Mbit/s SFP.

product type designation	
product brand name	SCALANCE
product type designation	PE400-8SFP
Technical Product Detail Page	https://i.siemens.com/1P6GK5400-8AS00-8AP2
transfer rate	
transfer rate	100 Mbit/s, 1000
interfaces / for communication / integrated	
number of electrical connections	
● for SFP	8
interfaces / for communication / plug-in	
number of electrical connections	
● for SFP	8
interfaces / other	
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
type of voltage / 1 / of the supply voltage	
● power loss [W] / 1 / rated value	1.7 W
● consumed current / 1 / maximum	0.07 A
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 weights	
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
fastening method	
● 19-inch installation	No
● 35 mm DIN-rail mounting	Yes
● wall mounting	No

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● S7-300 rail mounting	Yes
● S7-1500 rail mounting	Yes
product functions / management, configuration, engineering	
PROFINET conformity class	B
standards, specifications, approvals	
certificate of suitability	
● CE marking	Yes
● UKCA marking	Yes
● cULus approval	Yes
● KC approval	Yes
● Regulatory Compliance Mark (RCM)	Yes
standard	
● for EMC interference emission	EN 61000-6-4 (Class A)
● for immunity to EMC	EN 61000-6-2
● for safety / from CSA and UL	UL 508, UL 60950-1, CSA C22.2 Nr. 60950-1-03
standards, specifications, approvals / hazardous environments	
certificate of suitability	
● ATEX	Yes
● UKEX	Yes
● IECEx	Yes
● ULhazloc approval	Yes
● CCC / for hazardous zone according to GB standard	Yes
● FM registration	Yes
standards, specifications, approvals / other	
certificate of suitability	
● RoHS conformity	Yes
resistance to air pollution / conformity according to ANSI/ISA-71.04	Yes; G3
standards, specifications, approvals / marine classification	
Marine classification association	
● American Bureau of Shipping Europe Ltd. (ABS)	No
● French marine classification society (BV)	No
● Chinese Classification Society (CCS)	No
● Det Norske Veritas (DNV)	No
● Korean Register of Shipping (KRS)	No
● Lloyds Register of Shipping (LRS)	No
● Nippon Kaiji Kyokai (NK)	No
● Polski Rejestr Statkow (PRS)	No
● Royal Institution of Naval Architects (RINA)	Yes
product functions / general	
MTBF	63 a
reference code	
● according to IEC 81346-2	KF
● according to IEC 81346-2:2019	KFE
Warranty period	5 a
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
further information / internet links	
internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity 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 cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible

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Approvals / Certificates

General Product Approval

EG-Konf.	Declaration of Conformity	CCC	EAC	China RoHS	UL

General Product Approval	EMV	For use in hazardous locations			
RCM	KC	IECEx	ATEX	FM	CCC-Ex

Test Certificates	Maritime application				
Type Test Certificates/Test Report	ABS	BUREAU VERITAS	DNV	LRS	NK / Nippon Kaiji Kyokai

Maritime application

PRS	RINA

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