SIEMENS

Data sheet 6AG1106-2BB00-7AC2



Figure similar

SIPLUS NET SCALANCE XC106-2 based on 6GK5106-2BB00-2AC2 with conformal coating, -40…+70 °C, SCALANCE XC106-2, unmanaged IE switch, 6x 10/100 Mbps RJ45 ports, 2x 100 Mbps multimode BFOC, LED diagnostics, error-signaling contact with set pushbutton, redundant power supply manual available as a download

product type designation	
product brand name	SIPLUS
product type designation	XC106-2
Technical Product Detail Page	https://i.siemens.com/1P6AG1106-2BB00-7AC2
transfer rate	
transfer rate	10, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
● for network components or terminal equipment	6; RJ45
number of 100 Mbit/s ST(BFOC) ports	
● for multimode	2
interfaces / other	
number of electrical connections	
● for signaling contact	1
● for power supply	1
operating voltage / of the signaling contacts	
● at DC / rated value	24 V
operational current / of the signaling contacts	
● at DC / maximum	0.1 A
supply voltage, current consumption, power loss	
product component / connection for redundant voltage supply	Yes
type of voltage / 1 / of the supply voltage	
● supply voltage / 1 / rated value	24 V
● power loss [W] / 1 / rated value	4.8 W
● consumed current / 1 / at rated supply voltage / maximum	0.4 A
● supply voltage / 1 / voltage range	9.6 ... 31.2
● consumed current / 1 / maximum	0.4 A
ambient conditions	
ambient temperature / in horizontal mounting position / during operation	-40 ... +70 °C
installation altitude / at height above sea level / maximum	5000 m
relative humidity	
● with condensation / according to IEC 60068-2-38 / maximum	100 %; RH including condensation/frost (no commissioning when condensation is present), horizontal installation
chemical resistance / to commercially available cooling lubricants	Yes; incl. airborne diesel and oil droplets
ambient condition / relating to ambient temperature - air pressure - installation altitude	Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax - 20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)

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resistance to biologically active substances	
● conformity according to EN 60721-3-3	Yes; Class 3B2 mold and fungal spores (excluding fauna); class 3B3 on request
● conformity according to EN 60721-3-6	Yes; Class 6B2 mold, fungal and dry rot spores (excluding fauna)
resistance to chemically active substances	
● conformity according to EN 60721-3-3	Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
● conformity according to EN 60721-3-6	Yes; Class 6C3 (RH < 75%) incl. salt spray acc. to EN 60068-2-52 (Severity degree 3); *
resistance to mechanically active substances	
● conformity according to EN 60721-3-3	Yes; Class 3S4 incl. sand, dust; *
● conformity according to EN 60721-3-6	Yes; Class 6S3 incl. sand, dust; *
environmental category / according to IEC 60721 / note	* The supplied plug covers must remain in place on the unused interfaces during operation!
coating / for equipped printed circuit board / according to EN 61086	Yes; Class 2 for high availability
type of coating / protection against pollution according to EN 60664-3	Yes; protection of the type 1
type of test / of the coating / according to MIL-I-46058C	Yes; coating discoloration during service life possible
product conformity / of the coating / Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A	Yes; conformal coating, class A
protection class IP	IP20
design, dimensions and weights	
design	compact
width	60 mm
height	147 mm
depth	125 mm
net weight	0.85 kg
material / of the enclosure	Polycarbonate (PC-GF10)
fastening method	
● 35 mm DIN-rail mounting	Yes
● wall mounting	Yes
● S7-300 rail mounting	Yes
● S7-1500 rail mounting	Yes
product features, product functions, product components / general	
number of automatically learnable MAC addresses	2048
product functions / management, configuration, engineering	
product function	
● multiport mirroring	No
● CoS	Yes
● switch-managed	No
product functions / redundancy	
product function	
● Parallel Redundancy Protocol (PRP)/operation in the PRP-network	Yes
● Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)	No
standards, specifications, approvals	
certificate of suitability	
● CE marking	Yes
● EC Declaration of Conformity EN 61010, IEC 61010-1, UL 61010A-1	Yes
● KC approval	Yes
standard	
● for EMC interference emission	EN 61000-6-4 (Class A)
● for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
standards, specifications, approvals / other	
certificate of suitability	
● E1 approval	No
product functions / general	
laser protection class	LED Class 1

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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	
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Approvals / Certificates

General Product Approval					EMV
CE EG-Konf.	UKCA	Manufacturer Declaration	China RoHS	UL	RCM

For use in hazardous locations		
CCC-Ex	IECEx	ATEX

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