SIEMENS

Data sheet

6AG1206-2BB00-7AC2



SIPLUS NET SCALANCE XC206-2 based on 6GK5206-2BB00-2AC2 with conformal coating, -40...+70 °C, manageable layer 2 IE switch; 6x 100 Mbps RJ45 ports; 2x 100 Mbps ST/BFOC ports; 1x console port; diagnostics LEDs redundant power supply temperature range -40 °C to +70 °C; assembly: DIN rail/S7 mounting rail/wall redundancy functions; office features (RSTP, VLAN,etc.); PROFINET IO device; Ethernet/IP-compliant C-Plug slot;

product type designation	
product brand name	SIPLUS
product type designation	XC206-2
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
 for network components or terminal equipment 	6; RJ45
number of 10/100 Mbit/s RJ45 ports	
with securing collar	6
number of 100 Mbit/s ST(BFOC) ports	
for multimode	2
transmission method / of the optical interface	100baseFX
interfaces / other	
number of electrical connections	
 for operator console 	1
 for signaling contact 	1
 for power supply 	1
type of electrical connection	
 for operator console 	RJ11
 for signaling contact 	2-pole terminal block
for power supply	4-pole terminal block
design of the removable storage	
• C-PLUG	Yes
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	
type of voltage / 1 / of the supply voltage	DC
 supply voltage / 1 / rated value 	24 V
 power loss [W] / 1 / rated value 	6 W
supply voltage / 1 / rated value	9.6 31.2 V
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

design compact width 60 mm height 147 mm depth 125 mm net weight 0.54 kg material / of the enclosure Polycarbonate (PC-GF10) / pressure die cast aluminum fastening method				
pressure - installation altiodb -10 ky at 756 kpa 680 ktpa (< 2000, m, 45 000 m) // Tmin (Tmax - 20 ky) at 680 ktm as 040 hpd (= 350 0m) // Tmin (Tmax - 20 ky) at 680 ktm as 040 hpd (= 350 0m) // Tmin (Tmax - 20 ky) at 680 ktm as 040 hpd (= 350 0m) // Tmin (Tmax - 20 ky) at 680 ktm as 040 hpd (= 350 0m) // Tmin (Tmax - 20 ky) at 680 ktm as 040 hpd (= 350 0m) // Tmin (Tmax - 20 ky) at 680 ktm as 040 hpd (= 350 0m) // Tmin (Tmax - 20 ky) at 680 ktm as 040 hpd (= 350 0m) // Tmin (Tmax - 20 ky) at 680 ktm as 040 hpd (= 350 ktm as 040 htm	, 6	Yes; incl. airborne diesel and oil droplets		
• contromity according to EN 60721-3-3Yes, Class SB2 mold, fungal and dry rat sporse (excluding fauna); class SB3 on resistance to functionaly active substances aconformity according to EN 60721-3-3Yes, Class 6B2 mold, fungal and dry rat sporse (excluding fauna); data SD3 on Yes, Class 6D3 (PKI < 75%) incl. salt spray acc. to EN 60008-2-52 (severity actionsmity according to EN 60721-3-3* conformity according to EN 60721-3-3Yes, Class 6D3 (PKI < 75%) incl. salt spray acc. to EN 60008-2-52 (severity actionsmity according to EN 60721-3-6* conformity according to EN 60721-3-6Yes, Class 6D3 (PKI < 75%) incl. salt spray acc. to EN 60008-2-52 (severity according to EN 60721-3-6* conformity according to EN 60721-3-6Yes, Class 6D3 (PKI < 75%) incl. salt spray acc. to EN 60008-2-52 (severity) according to EN 60721-3-6* conformity according to EC 60721 / rude config/ of requipped printed circuit band / according to EN according to EC 60721 / rudeYes, Class 52 for high availabilitycosing / for equipped printed circuit band / according to EN product configmity of the coster / Qualification and band data function according to EN according to ENC 6024 / rude according to ENC 6024 / rude 		- 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K)		
•onlowing according to EN 60721-3-6 Yes, Class S26 (RH, Kingal and dry rot spores (excluding fauna) restance to chemically active substances	resistance to biologically active substances			
residues to chemically actor substances	 conformity according to EN 60721-3-3 			
• contomity according to EN 60721-3-3 Yes; Class 9C3 (RH < 75 %) incl. sait spray acc. to EN 60088-2-52 (sevenity according to EN 60721-3-6	 conformity according to EN 60721-3-6 	Yes; Class 6B2 mold, fungal and dry rot spores (excluding fauna)		
degree 3):* endominy according to EN 80721-3-6 degree 3):* endominy according to EN 80721-3-3 endominy for equipped printed circuit board / according to EN endominy for equipped printed circuit board / according to EN endominy for equipped printed circuit board / according to EN endominy for equipped applied circuit board / according to EN endominy for equipped applied circuit board / according to EN endominy for equipped applied circuit board / according to EN endominy for equipped applied circuit board / according to EN endominy for equipped applied circuit board / according to EN endominy for equipped applied circuit board / according to EN endominy for equipped applied circuit board / according to EN endominy for equipped applied circuit board / according to EN endominy for equipped applied circuit board / according to EN endominy for equipped applied circuit board / according to EN endominy for equipped applied circuit board / according to EN	resistance to chemically active substances			
degree 3); * restance to mechanically active substances • contomity according to EN 60721-33 Yes; Class 363 incl. sand, dust; * • evotomental category / according to EN 60721-36 * The suppled pig accords must remain in place on the unused interfaces during operation! # content in according to EN 60721-36 * The suppled pig accords must remain in place on the unused interfaces during operation! # content in according to EN 60721-36 Yes; Class 26 shind, availability # content in according to EN 60721-36 Yes; content in availability # content in according to EN 60721-36 Yes; content in availability # content in according to EN 60721-36 Yes; content in availability # content in according to EN 60721-36 Yes; content in availability # content in availability	conformity according to EN 60721-3-3			
• conformity according to EN 6721-36Yes; Class 363 ind, sand, dust; *• conformity according to EN 6721-36Yes; Class 363 ind, sand, dust; *environmental category / according to EC 60721 / note** for equipped printed circuit board / according to ENYes; rotection of the type 180064Yes; rotection of the type 180064-3Yes; rotection of the type 190064Yes; rotection of the type 180064-3Yes; rotection of the type 190064-3Yes; rotection category according to ML-146098090064-3Yes; rotection category according to ML-146098090064-3Yes; rotection category according to PP-CC-830A90064-3Product category according to PP-CC-830A90064-3Compact90064-3Gommal Category according to PP-CC-830A90064-3Gommal Category according to PP-CC-830A90164-3Gommal Category according to PP-CC-830A90164-3Gommal Category according to PP-CC-830A90164-3Gommal Category according to PP-CC-830A90164-3Gommal Category according to PP-CC-830A90164-4Stording Category according to PP-CC-830A<	conformity according to EN 60721-3-6			
• conformity according to EN 607213 andVes; Class B3 incl. sand, dust; *environmental category i according to IEC 607213 role**** class 21 for high availabilitycoding / for equipped printed cicuit board / according to ENYes; Class 2 for high availabilityrole of coding / protection against pollution according to ENYes; colarding discoloration during service life possiblerole of coding / protection against pollution according to ENYes; conformal coding, class Ayes of test / of the coding / according to M1-140058CYes; conformal coding, class Arole of coding / protection class IPFerromance of Electrical Insulating Compound for Printed Eard Assemblies according to IPC (C-C-S0A0role of coding insulating Compound for Printed Eard Assemblies according to IPC (C-C-S0A0Ferromance of Electrical Insulating Compound for Printed Eard Assemblies according to IPC (C-C-S0A0role of coding insulating Compound for Printed Eard Assemblies according to IPC (C-C-S0A0Ferromance of Electrical Insulating Compound for Printed Eard Assemblies according to IPC (C-C-S0A0role of coding insulating Compound for Printed Eard Assemblies according to IPC (C-S0A0Ferromance of Electrical Insulating Compound for Printed Eard Assemblies according to IPC (C-C-S0A0role of and unothingGo (C-C-S0A0Ferromance of Electrical Insulating Compound for Printed Eard Assemblies according to IPC (C-S0A0rel weightGo (C-C-S0A0Ferromance of Electrical Insulating Compound for Printed Eard Assemblies according to IPC (C-S0A0rel weightGo (C-C-S0A0Ferromance of Electrical Insulating Compound for Printed Eard Assemblies according to IPC (C-C-S0A0	resistance to mechanically active substances			
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environmental category / according to IEC 60721 / note coding / for equipped printed circuit board / according to EN for equipped printed circuit board / according to EN for each of the specification of the specificatio		Yes: Class 6S3 incl. sand. dust: *		
costnop Yes; Class 2 for high availability 61086 Yes; Class 2 for high availability 06064-0 Yes; Class 2 for high availability 06064-0 Yes; Class 2 for high availability 06064-0 Yes; Coating discoloration during service life possible yee of test / of the coating / Qualification and Performance of Electrical Insulating Compound for Printed Bard Assemblies according to IPC-CC-300A IP20 design compact IP20 design do ommat IP20 design do St kig IP20 estimation during Yes IP20 estimation during Yes IP20 estimation during Yes IP20 estime doring in the case of a		* The supplied plug covers must remain in place on the unused interfaces		
66684.3 Arr Market Arr Mar				
product conformity / of the coating / Qualification and Performance of Regulation Insulang Compared for Printed Board Assembles according to IDF-CC-390A PE20 geard Assembles according to IDF-CC-390A IP20 design, dimensions and weights compact design dimensions and weights 00 mm design dimensions and weights 00 mm design dimensions and weights 00 mm design dimensions and weights 04 kg material / of the enclosure Polycarbonate (PC-GF10) / pressure die cast aluminum fastening method 125 mm • S5 mn DIN-rail mounting Yes • S7-300 rail mounting Yes eroduct fautres, product functions, product components / general general coascading in the case of a redundant ring / at reconfiguration 50 product function Yes • Cut Through switching method Yes • Cut Through switching method Yes • Cut Through switching method		Yes; protection of the type 1		
product conformity / of the coaling / Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A IP20 protection class IP ompact design ompact design dimensions and weights 00 mm design dimensions and weights 00 mm design dimensions and weights 00 mm design dimensions and weights 04 mm design dimensions and weights 9 moltical and the dimensions and weights material / of the enclosure Polycarbonate (PC-GF10) / pressure die cast aluminum fastening method Yes sist mounting Yes ordeal fastening mounting Yes ordeal fastening method Yes ordeal fastening method Yes ordeal fastening method	type of test / of the coating / according to MIL-I-46058C	Yes; coating discoloration during service life possible		
design, dimensions and weights compact design compact width 60 mm height 147 mm depth 125 mm material / of the enclosure Polycarbonate (PC-GF10 / pressure die cast aluminum fastening method ves • 35 mm DIN-rail mounting Yes • 35 mm DIN-rail mounting Yes • 37-300 rail mounting Yes • 57-1500 rail mounting Yes • 57-300 rail mounting Yes • 60 rail mounting Yes • 60 rail mounting Yes • 60 rail mounting Yes • 0 radie rais of star topology Yes • 0 radie rais of star topology Yes • 0 radie fautre Yes • 0 radie function Yes • Cat Through switching method Yes • Cat I functions / management Yes <td< td=""><td>Performance of Electrical Insulating Compound for Printed</td><td>Yes; conformal coating, class A</td></td<>	Performance of Electrical Insulating Compound for Printed	Yes; conformal coating, class A		
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net weight 0.54 kg material / of the enclosure Polycarbonate (PC-GF10) / pressure die cast aluminum fastening method - • 35 mm DIN-rail mounting Yes • wall mounting Yes • S7-300 rail mounting Yes • S7-1500 rail mounting Yes • S7-1500 rail mounting Yes • S7-1500 rail mounting Yes • Cascading in the case of a redundant ring / at reconfiguration 50 cascading in the case of a redundant ring / at reconfiguration 50 reduct features, product functions, product components / generation only on signal propagation time) product feature • QoS according to DSCP Yes product feature Yes • Cut Through switching method Yes product function Yes • Cut functin Yes </td <td></td> <td></td>				
material / of the enclosure Polycarbonate (PC-GF10) / pressure die cast aluminum fastening method Yes • 35 mm DIN-rail mounting Yes • wall mounting Yes • sold mounting Yes • S7-300 rail mounting Yes • S7-500 rail mounting Yes • sold mounting Yes • cascading in the case of a redundant ring / at reconfiguration for reascading in the case of a redundant ring / at reconfiguration for reascading in the case of a redundant ring / at reconfiguration for reduct function for • Cods according to DSCP Yes product function Yes • Cut Through switching method No • Store & Forward switching method Yes product function Yes • CLl Yes • web-based management Yes • CLl Yes • multipoprot Yes • Configuration with STEP 7 Yes • RMON Yes • SMTP server No • port mirr				
fastening method Yes • 35 mm DIN-rail mounting Yes • wall mounting Yes • S7-300 rail mounting Yes • S7-500 rail mounting Yes product features, product functions, product components / general Image: Sr-57-500 rail mounting cascading in the case of a redundant ring / at reconfiguration 50 ime of <\-0.3\s		·		
• 35 mm DIN-rail mountingYes• wall mountingYes• S7-300 rail mountingYes• S7-500 rail mountingYesproduct features, product functions, product components / generation of <		Polycarbonate (PC-GF10) / pressure die cast aluminum		
wall mounting Yes • S7-300 rail mounting Yes • S7-1500 rail mounting Yes cascading in the case of a redundant ring / at reconfiguration time of <\-0.3\-s				
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• \$7-1500 rail mounting Yes product features, product functions, product components / generation time of <\-0.3\~s				
product features, product functions, product components / general 50 cascading in the case of a redundant ring / at reconfiguration time of <<-0.3\~s	C C			
cascading in the case of a redundant ring / at reconfiguration 50 cascading in cases of star topology any (depending only on signal propagation time) product function Yes product feature Ves • Cut Through switching method Yes product function Yes exconfiguration, engineering Yes product function Yes exconfiguration with STEP 7 Yes exmonsering Yes exmonsering <td< td=""><td></td><td></td></td<>				
time of <\-C-0.3\-sany (depending only on signal propagation time)cascading in cases of star topologyany (depending only on signal propagation time)product functionYesproduct featureNo- Cut Through switching methodYesproduct functions / management, configuration, engineeringYesproduct functionYesproduct functionYesproduct functionYes- CL1Yes• Web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• SMTP serverNo• port mirroringYes• multiport mirroringYes• CoSYes• PROFINET IO diagnosisYes• switch-managedYes	product features, product functions, product components / gen	eral		
product functionYesout functionYesproduct featureNo• Cut Through switching methodYesproduct functions / management, configuration, engineeringYesproduct functionYes• CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• SMTP serverNo• port mirroringYes• multiport mirroringYes• CoSYes• PROFINET IO diagnosisYes• switch-managedYes		50		
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product feature• Cut Through switching methodNo• Store & Forward switching methodYesproduct functions / management, configuration, engineeringproduct function• CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• SMTP serverNo• port mirroringYes• multiport mirroringYes• RMONYes• simple serverNo• port mirroringYes• coSYes• RMOFINET IO diagnosisYes• switch-managedYes	product function			
Cut Through switching methodNoStore & Forward switching methodYesproduct functions / management, configuration, engineeringproduct functionCLIYes• CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• SMTP serverNo• port mirroringYes• port mirroringYes• RMONYes• port mirroringYes• port mirroringYes• RMONYes• port mirroringYes• port mirroringYes• profilNET IO diagnosisYes• switch-managedYes	QoS according to DSCP	Yes		
• Store & Forward switching methodYesproduct functions / management, configuration, engineeringproduct function• CLI• CLI• web-based management• Web-based management• MIB support• TRAPs via email• configuration with STEP 7• RMON• SMTP server• port mirroring• port mirroring• multiport mirroring• CoS• PROFINET IO diagnosis• switch-managed• Switch-managed	product feature			
product functions / management, configuration, engineeringproduct function• CLI• Web-based management• Web-based management• MIB support• TRAPs via email• configuration with STEP 7• RMON• SMTP server• port mirroring• port mirroring• CoS• PROFINET IO diagnosis• switch-managed• Switch-managed	Cut Through switching method	No		
product function• CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• SMTP serverNo• port mirroringYes• multiport mirroringYes• CoSYes• PROFINET IO diagnosisYes• switch-managedYes	 Store & Forward switching method 	Yes		
product function• CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• SMTP serverNo• port mirroringYes• multiport mirroringYes• CoSYes• PROFINET IO diagnosisYes• switch-managedYes	product functions / management, configuration, engineering			
• CLIYes• web-based managementYes• MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• SMTP serverNo• port mirroringYes• nultiport mirroringYes• CoSYes• PROFINET IO diagnosisYes• switch-managedYes				
web-based managementYesMIB supportYesTRAPs via emailYesconfiguration with STEP 7YesRMONYesSMTP serverNooport mirroringYesmultiport mirroringYesCoSYesPROFINET IO diagnosisYesswitch-managedYes		Yes		
MIB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• RMONYes• SMTP serverNo• port mirroringYes• multiport mirroringYes• CoSYes• PROFINET IO diagnosisYes• switch-managedYes				
• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• SMTP serverNo• port mirroringYes• multiport mirroringYes• CoSYes• PROFINET IO diagnosisYes• switch-managedYes	-			
• configuration with STEP 7Yes• RMONYes• SMTP serverNo• port mirroringYes• multiport mirroringYes• CoSYes• PROFINET IO diagnosisYes• switch-managedYes				
• RMONYes• SMTP serverNo• port mirroringYes• multiport mirroringYes• CoSYes• PROFINET IO diagnosisYes• switch-managedYes				
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• port mirroringYes• multiport mirroringYes• CoSYes• PROFINET IO diagnosisYes• switch-managedYes				
• multiport mirroring Yes • CoS Yes • PROFINET IO diagnosis Yes • switch-managed Yes				
• CoS Yes • PROFINET IO diagnosis Yes • switch-managed Yes				
PROFINET IO diagnosis Yes switch-managed Yes				
• switch-managed Yes				
	PROFINET IO diagnosis	Yes		
PROFINET conformity class B	 switch-managed 	Yes		
	PROFINET conformity class	В		

telegram length / for Ethernet / maximum	1632 byte
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• SFTP	Yes
• BOOTP	No
• GMRP	Yes
• DCP	Yes
• LLDP	Yes
EtherNet/IP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
 IGMP (snooping/querier) 	Yes
identification & maintenance function	
 I&M0 - device-specific information 	Yes
 I&M1 - higher level designation/location designation 	Yes
product functions / diagnostics	
product function	
port diagnostics	Yes
statistics Packet Size	Yes
 statistics packet type 	Yes
error statistics	Yes
• SysLog	Yes
product functions / VLAN	
product function	
VLAN - port based	Yes
VLAN - protocol-based	No
VLAN - IP-based	No
number of VLANs / maximum	257
	257
number of VLANs - dynamic / maximum	
number of VLANs / at ring redundancy (HRP; MRP; standby link)	257
product functions / DHCP	
product function	
DHCP server	Yes
DHCP client	Yes
DHCP Option 82	Yes
DHCP Option 66	Yes
DHCP Option 67	Yes
· ·	
product functions / redundancy	Vac
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	Van
media redundancy protocol (MRP) with redundancy manager	Yes
 of the PROFINET IO device / is supported / H-Sync forwarding 	Yes
 of the PROFINET IO device / is supported / PROFINET system redundancy 	Yes
 ring redundancy 	Yes
 high speed redundancy protocol (HRP) with redundancy manager 	Yes
 high speed redundancy protocol (HRP) with standby redundancy 	Yes
redundancy procedure STP	Yes
redundancy procedure RSTP	Yes
 redundancy procedure MSTP 	Yes
Parallel Redundancy Protocol (PRP)/operation in the PRP-network	Yes
 Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	No

• nassive listening	Yes
passive listening protocol / is supported	100
LACP	Yes
	res
system modification during operation	Y.
product function / configuration in RUN via CiR/H-CiR	Yes
product functions / security	
product function	
• IEEE 802.1x (radius)	Yes
RADIUS client	Yes
 broadcast/multicast/unicast limiter 	Yes
broadcast blocking	Yes
protocol / is supported	
• SSH	Yes
• SSL	Yes
product functions / time	
product function	
 SICLOCK support 	Yes
NTP-client	Yes
SNTP client	Yes
protocol / is supported	
• NTP	Yes
• SNTP	Yes
standards, specifications, approvals	
certificate of suitability	
• CE marking	Yes
	2014/30/EU
product conformity / according to EMC-guidelinestandard	2014/30/E0
for EMC interference emission	
	EN 61000-6-4, EN 50121-4
• for immunity to EMC	EN 61000-6-2, EN 50121-4
standards, specifications, approvals / other	
certificate of suitability	
 railway application in accordance with EN 50121-4 	Yes
RoHS conformity	Yes
product functions / general	
MTBF	46 a
reference code	
 according to IEC 81346-2 	KF
 according to IEC 81346-2:2019 	KFE
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 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 cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. 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 Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

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General Product Ap	oproval			EMV
<u>Miscellaneous</u>	<u>Manufacturer Declara-</u> <u>tion</u>	UK CA	CE EG-Konf.	RCM
For use in hazardo	us locations			
<u>CCC-Ex</u>	IECEx	X ATEX		

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