SIEMENS

Data sheet

6GK7277-1AA10-0AA0



Compact Switch Module CSM 1277 for connecting SIMATIC S7-1200 and up to 3 further nodes to Industrial Ethernet with 10/100 Mbit/s; unmanaged switch, 4 RJ45 ports, ext. 24 V DC power supply LED diagnostics, S7-1200 module incl. electronic Equipment Manual on CD-ROM.

product type designation	
product brand name	SCALANCE
product type designation	CSM 1277
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
 for network components or terminal equipment 	4
number of 100 Mbit/s SC ports	
for multimode	0
interfaces / other	
number of electrical connections	
 for power supply 	1
type of electrical connection	
 for power supply 	3-pole terminal block
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 	1.6 W
 supply voltage / 1 / rated value 	19.2 28.8 V
 consumed current / 1 / maximum 	0.07 A
 type of electrical connection / 1 / for power supply 	3-pole terminal block
 product component / 1 / fusing at power supply input 	Yes
 fuse protection type / 1 / at input for supply voltage 	0, A / 60 V
ambient conditions	
ambient temperature	
 during operation 	0 60 °C
during storage	-40 +70 °C
 during transport 	-40 +70 °C
relative humidity	
 at 25 °C / without condensation / during operation / maximum 	95 %
protection class IP	IP20
design, dimensions and weights	
design	SIMATIC S7-1200 device design
width	45 mm
height	100 mm
depth	75 mm
net weight	0.15 kg
fastening method	

+ 57-300 rail mounting No product function mounting product function No + multipot function No + multipot function No + multipot function No + Parallel Redundancy Produce (PRP)/sporeation in the Pref-webcott No + Parallel Redundancy Produce (PRP)/sporeation in the Pref-webcott No - Parallel Redundancy Produce (PRP)/sporeation in the Pref-webcott No - Standards, sporoval Yes - Carallel Redundancy Produce (RPP)/Sedundant Networth No - Scarage (NA) Yes - Carallel Redundancy Produce (RPP)/Sedundant Networth No - Scarage (NA) Yes - Carallel Redundancy Produce (RPP)/Sedundant Networth No - Scarage (NA) Yes - Carallel Redundancy Produce (RPP) Yes - Carallel Redundancy Produce (RPP) Yes - Carallel Redundancy Produce (RCM) Yes - Standards Secondard - Carallel Redundancy Reduce Nation Les - For How Information Standard Yes - Standards Secondard - Standards Secondard - Standards Secondard - Standards Secondard - ATAC Yes <t< td=""><td>35 mm DIN-rail mounting</td><td>Yes</td></t<>	35 mm DIN-rail mounting	Yes
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to website: Selection guide for cables and connectors <u>https://support.industry.siemens.com/cs/ww/en/view/109766358</u>	certificate of suitability • RoHS conformity standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Det Norske Veritas (DNV) • DNV GL • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) standards, specifications, approvals / Environmental Product D Environmental Product Declaration global warming potential [CO2 eq] • total • during manufacturing • during operation • after end of life product functions / general MTBF reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 Warranty period product function / is supported / identification link further information / internet links	Yes Yes Yes Yes Yes Yes No No Ro eclaration Yes 65.14 kg 7.42 kg 57.58 kg 0.14 kg 273 a KF KFE 5 a
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General Product App EG-Konf, General Product Ap- proval	roval UK CA For use in hazardous lo	Declaration of Con- formity	CCC	EAC	(UL) UL	
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Confirmation	EPD					
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