SIEMENS

Product type designation	**CSM 377**
	COMPACT SWITCH MODULE CSM 377 CONNECTING SIMATIC S7-300 AND UP TO 3 ADDITIONAL DEVICES WITH IND. ETHERNET W. 10/100 MBIT/S UNMANAGED SWITCH, 4 RJ45 PORTS, EXT. 24V DC POWER SUPPLY LED DIAGNOSTICS, S7-300 MODULE, INCL. ELEKTRONIC MANUAL ON CD

Transmission 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
Number of 1000 Mbit/s LC ports	
• for multimode	0
• for single mode (LD)	0

Interfaces / others	
Number of electrical connections	
• for power supply	1
Type of electrical connection	
• for power supply	2-pole terminal block

Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC

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Supply voltage	
● external	24 V
● external	19.2 ... 28.8 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	0.5 A / 60 V
Consumed current / maximum	0.07 A
Power loss [W]	
● at DC / at 24 V	1.6 W

Permitted 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 weight

Design	SIMATIC S7-300 device design
Width	40 mm
Height	125 mm
Depth	118 mm
Net weight	0.2 kg
Mounting type	
● 35 mm DIN rail mounting	No
● wall mounting	No
● S7-300 rail mounting	Yes
● S7-1500 rail mounting	No

Product functions / management, configuration

Product function	
● multiport mirroring	No
● 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

Standard	

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● for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T.., CL.1, Zone 2, GP. IIC, T.. Ta
● for hazardous zone	EN 60079-15, II 3 G Ex nA II T.., KEMA 06 ATEX 0021 X
● for safety / from CSA and UL	UL 508, CSA C22.2 No. 142
● for hazardous zone / from CSA and UL	UL 1604 and UL 2279-15 (Hazardous Location)
● for emitted interference	EN 61000-6-4:2001
● for interference immunity	EN 61000-6-2:2001
Certificate of suitability / CE marking	Yes
● Certificate of suitability	EN 61000-6-2:2001, EN 61000-6-4:2001
● Certificate of suitability / C-Tick	Yes
● Certificate of suitability / KC approval	No
● Marine classification association / American Bureau of Shipping Europe Ltd. (ABS)	Yes
● Marine classification association / Bureau Veritas (BV)	Yes
● Marine classification association / Det Norske Veritas (DNV)	Yes
● Marine classification association / Germanische Lloyd (GL)	No
● Marine classification association / Lloyds Register of Shipping (LRS)	Yes
● Marine classification association / Nippon Kaiji Kyokai (NK)	Yes
● Marine classification association / Polski Rejestr Statkow (PRS)	No
● Marine classification association / Royal Institution of Naval Architects (RINA)	No
MTBF / at 40 °C	144 y

Further Information / Internet Links

Internet-Link	
● to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
● 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

Security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)
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