

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
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Interfaces

Number of electrical/optical connections	
<ul style="list-style-type: none"> for network components or terminal equipment / maximum 	4
Number of electrical connections	
<ul style="list-style-type: none"> for network components or terminal equipment 	4
Type of electrical connection	
<ul style="list-style-type: none"> for network components or terminal equipment 	RJ45 port

Interfaces / for communication / integrated

Number of 100 Mbit/s SC ports / for multimode	0
Number of 1000 Mbit/s LC ports / for multimode	0

Interfaces / others

Number of electrical connections	
<ul style="list-style-type: none"> for power supply 	1
Type of electrical connection	
<ul style="list-style-type: none"> for power supply 	2-pole terminal block

Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage	DC
Supply voltage	
<ul style="list-style-type: none"> external 	24 V
<ul style="list-style-type: none"> 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
Active power loss <ul style="list-style-type: none"> • for DC / at 24 V 	1.6 W

Permitted ambient conditions

Ambient temperature <ul style="list-style-type: none"> • during operation • during storage • during transport 	0 ... 60 °C -40 ... +70 °C -40 ... +70 °C
Relative humidity <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 35 mm DIN rail mounting • wall mounting • S7-300 rail mounting • S7-1500 rail mounting 	No No Yes No

Product functions / management, configuration

Product function <ul style="list-style-type: none"> • multiport mirroring • switch-managed 	No No
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Standards, specifications, approvals

Standard <ul style="list-style-type: none"> • for FM • for hazardous zone • for safety / from CSA and UL • for hazardous zone / from CSA and UL • for emitted interference • for interference immunity 	FM3611: Class 1, Divison 2, Group A, B, C, D / T.., CL.1, Zone 2, GP. IIC, T.. Ta EN 60079-15, II 3 G Ex nA II T.., KEMA 06 ATEX 0021 X UL 508, CSA C22.2 No. 142 UL 1604 and UL 2279-15 (Hazardous Location) EN 61000-6-4:2001 EN 61000-6-2:2001
Certificate of suitability <ul style="list-style-type: none"> • CE marking • C-Tick 	EN 61000-6-2:2001, EN 61000-6-4:2001 Yes Yes

• KC approval	No
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (NK)	No
• Polski Rejestr Statkow (PRS)	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/automation/net/catalog
• 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	<p>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)</p>
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