

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 / for communication / integrated

Number of electrical connections	
<ul style="list-style-type: none"> for network components or terminal equipment 	4
Number of 100 Mbit/s SC ports	
<ul style="list-style-type: none"> for multimode 	0
Number of 1000 Mbit/s LC ports	
<ul style="list-style-type: none"> for multimode for single mode (LD) 	0 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
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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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<ul style="list-style-type: none"> • for FM 	FM3611: Class 1, Divison 2, Group A, B, C, D / T.., CL.1, Zone 2, GP. IIC, T.. Ta
<ul style="list-style-type: none"> • for hazardous zone 	EN 60079-15, II 3 G Ex nA II T.., KEMA 06 ATEX 0021 X
<ul style="list-style-type: none"> • for safety / from CSA and UL 	UL 508, CSA C22.2 No. 142
<ul style="list-style-type: none"> • for hazardous zone / from CSA and UL 	UL 1604 and UL 2279-15 (Hazardous Location)
<ul style="list-style-type: none"> • for emitted interference 	EN 61000-6-4:2001
<ul style="list-style-type: none"> • for interference immunity 	EN 61000-6-2:2001
Certificate of suitability / CE marking	Yes
<ul style="list-style-type: none"> • Certificate of suitability 	EN 61000-6-2:2001, EN 61000-6-4:2001
<ul style="list-style-type: none"> • Certificate of suitability / C-Tick 	Yes
<ul style="list-style-type: none"> • Certificate of suitability / KC approval 	No
<ul style="list-style-type: none"> • Marine classification association / American Bureau of Shipping Europe Ltd. (ABS) 	Yes
<ul style="list-style-type: none"> • Marine classification association / Bureau Veritas (BV) 	Yes
<ul style="list-style-type: none"> • Marine classification association / Det Norske Veritas (DNV) 	Yes
<ul style="list-style-type: none"> • Marine classification association / Germanische Lloyd (GL) 	No
<ul style="list-style-type: none"> • Marine classification association / Lloyds Register of Shipping (LRS) 	Yes
<ul style="list-style-type: none"> • Marine classification association / Nippon Kaiji Kyokai (NK) 	Yes
<ul style="list-style-type: none"> • Marine classification association / Polski Rejestr Statkow (PRS) 	No
<ul style="list-style-type: none"> • Marine classification association / Royal Institution of Naval Architects (RINA) 	No
MTBF / at 40 °C	144 y

Further Information / Internet Links

Internet-Link

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|---|---|
| <ul style="list-style-type: none"> • to website: Selector SIMATIC NET SELECTION TOOL | http://www.siemens.com/snst |
| <ul style="list-style-type: none"> • to website: Industrial communication | http://www.siemens.com/simatic-net |
| <ul style="list-style-type: none"> • to website: Industry Mall | https://mall.industry.siemens.com |
| <ul style="list-style-type: none"> • to website: Information and Download Center | http://www.siemens.com/industry/infocenter |
| <ul style="list-style-type: none"> • to website: Image database | http://automation.siemens.com/bilddb |
| <ul style="list-style-type: none"> • to website: CAx Download Manager | http://www.siemens.com/cax |
| <ul style="list-style-type: none"> • to website: Industry Online Support | https://support.industry.siemens.com |

Security information

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