

**Product-type designation**

**CSM 1277**



COMPACT SWITCH MODULE CSM 1277 CONNECTION SIMATIC S7-1200 AND UP TO 3 FURTHER IND. ETHERNET USERS WITH 10/100 MBIT/S UNMANAGED SWITCH,  
4 RJ45 PORTS, EXT. 24V DC POWER SUPPLY, LED DIAGNOSTICS,  
S7-1200 MODULE INCL. ELECTRONIC MANUAL ON CD

**Transmission rate**

Transfer rate / 1	10 Mbit/s
Transfer rate / 2	100 Mbit/s

**Interfaces**

Number of electrical/optical connections / for network components or terminal equipment / maximum	4
Number of electrical connections	
• for network components and terminal equipment	4
• for power supply	1
Design of the electrical connection	
• for network components and terminal equipment	RJ45 port
• for power supply	3-pole terminal block

**Supply voltage, current consumption, power loss**

Type of voltage / of supply voltage	DC
Supply voltage / external	24 V
• minimum	19.2 V
• maximum	28.8 V
Product component / fusing at power supply input	Yes
Type of fusing / at input for supply voltage	0,5 A / 60 V
Consumed current / maximum	0.07 A

Active power loss / at 24 V / for DC	1.6 W
<b>Permitted ambient conditions</b>	
Ambient temperature	
• during operating	0 ... 60 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Relative humidity	
• at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20
<b>Design, dimensions and weight</b>	
Design	SIMATIC S7-1200 device design
Width	45 mm
Height	100 mm
Depth	75 mm
Net weight	0.15 kg
Type of mounting	
• 35 mm DIN rail mounting	Yes
• wall mounting	Yes
• S7-300 rail mounting	No
<b>Product properties, functions, components / general</b>	
Product function / switch-managed	No
Standard	
• for EMC / from FM	FM3611: Class 1, Division 2, Group A, B, C, D / T.., CL.1, Zone 2, GP. IIC, T.. Ta
• for hazardous zone	EN 600079-15:2005, EN 600079-0:2006, II 3 G Ex nA II T4, KEMA 08 ATEX 0003 X
• for safety / of CSA and UL	UL 508, CSA C22.2 No. 142
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Verification of suitability	EN 61000-6-2, EN 61000-6-4
• CE mark	Yes
• C-Tick	Yes
• KC approval	No
<b>letzte Änderung:</b>	Dec 1, 2013