

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 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
Consumed current / maximum	0.07 A
Active power loss / at 24 V / for DC	1.6 W

Permitted ambient conditions

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

Design, dimensions and weight

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

Product properties, functions, components / general

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

letzte Änderung:

Jul 20, 2012