



6GK7277-1AA00-0AA0 COMPACT SWITCH MODULE CSM 1277

Technical Data

**Product-type designation**



**CSM 1277**

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

**Transmission rate**

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

**Interfaces**

Number of electrical connections 4

- [nicht versorgt - für Netzkomponenten und Endgeräte] 4
- [nicht versorgt - für Spannungsversorgung] 1

Design of the electrical connection

- [nicht versorgt - für Netzkomponenten und Endgeräte] RJ45 port
- [nicht versorgt - für Spannungsversorgung] 3-pole terminal block

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

Type of voltage / of the supply voltage DC  
Supply voltage / external 24 V

- minimum 19.2 V
- maximum 28.8 V

Consumed current / [nicht versorgt - maximal] Yes 0.07 A  
Resistive loss / at 24 V / for DC 1.6 W

**Permitted ambient conditions**

Ambient temperature

- during the operating phase 0 °C...60 °C
- during storage -40 °C...70 °C
- during transport -40 °C...70 °C

Relative humidity / at 25 °C / without condensation / during the operating phase / maximum 95 %

### 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 fixing/fixation

- 35 mm DIN rail mounting Yes
- [nicht versorgt - Wand-Montage] No
- S7-300 rail mounting No

### Product properties, functions, components / general

#### Product functions /

#### Configuration/management

Product function / switch-managed No

### Standards, specifications, approvals

Norm

- for EMC / from FM FM3611: Class 1, Division 2, Group A, B, C, D / T.., CL.1, Zone 2, GP. IIC, T.. Ta
  - for safety / of CSA and UL UL 508, CSA C22.2 No. 142
  - for emitted interference EN 61000-6-4
  - for interference immunity EN 61000-6-2
- verification of suitability EN 61000-6-2, EN 61000-6-4
- CE-mark Yes
  - C-Tick Yes

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