

Spare part SIPLUS S7-1200 CM1241 RS-485 -25...+70 °C with conformal coating based on 6ES7241-1CH30-0XB0 . Communication module CM 1241, RS485, 9-pole D-sub (pin), supports Freeport

General information

Product type designation CM 1241 RS485

Input current

Current consumption, max. 220 mA; From L5+; logic

Power loss

Power loss, typ. 1.1 W

Interfaces

Number of interfaces 1

Interface (physical) RS 422/485 (X.27) Yes

Point-to-point

- Cable length, max. 1 000 m

Integrated protocol driver

- ASCII Yes; Available as library function

- USS Yes; Available as library function

Ambient conditions

Free fall

- Fall height, max. 0.3 m; five times, in product package

Ambient temperature during operation

- min. -25 °C; = Tmin

- max. 70 °C; = Tmax

Ambient temperature during storage/transportation

- min. -40 °C

- max. 70 °C

Altitude during operation relating to sea level

- Ambient air temperature-barometric pressure-altitude Tmin ... Tmax at 1 080 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax - 20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)

Relative humidity

- With condensation, tested in accordance with IEC 60068-2-38, max. 100 %; RH incl. condensation/frost permitted (no commissioning in bedewed state)

Resistance

Use in stationary industrial systems

— to biologically active substances according to EN 60721-3-3

— to chemically active substances according to EN 60721-3-3

— to mechanically active substances according to EN 60721-3-3

Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request

Yes; Class 3C4 incl. salt spray according to EN 60068-2-52 (degree of severity 3). The supplied connector covers must remain on the unused interfaces during operation!

Yes; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!

Dimensions

Width 30 mm

Height 100 mm

Depth 75 mm

Weights

Weight, approx. 150 g

last modified: 05/16/2018