

Spare part SIPLUS S7-1200 CM1241 with conformal coating based on 6ES7241-1CH31-0XB0 . Communication module CM 1241, RS-422/485,9-pol. Sub-D (pin) , supports Freeport



Figure similar

General information	
Product type designation	CM 1241 RS422/485
Supply voltage	
Rated value (DC)	Yes
• 24 V DC	
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, max.	240 mA; From L5+; logic
Power loss	
Power loss, typ.	1.2 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
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Ambient temperature during operation

• min.	0 °C; = Tmin
• max.	55 °C; = Tmax
• permissible temperature change	5°C to 55°C, 3°C / minute

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)
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Relative humidity

• With condensation, tested in accordance with IEC 60068-2-38, max.	100 %; RH incl. condensation/frost (no commissioning under condensation conditions)
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Resistance

Use in stationary industrial systems

— to biologically 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
— to chemically active substances according to EN 60721-3-3	Yes; Class 3C4 (RH < 75%) 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!
— to mechanically active substances according to EN 60721-3-3	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.	155 g
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last modified: 05/16/2018