

SIPLUS ET200S PM-E DC 24V WITH DIAGNOSTICS -40 ... +70 DEGREES C WITH CONFORMAL COATING BASED ON 6ES7138-4CA01-0AA0



Figure similar

Supply voltage	
Load voltage L+	
• Rated value (DC)	24 V
• Short-circuit protection	No; external (e.g. automatic circuit breaker), tripping characteristic C
• Reverse polarity protection	Yes
Input current	
from load voltage L+ (without load), max.	4 mA
Current carrying capacity	
up to 60 °C, max.	10 A
Power loss	
Power loss, typ.	0.1 W
Interrupts/diagnostics/status information	
Diagnostic messages	
• missing load voltage	Yes
Diagnostics indication LED	

- Rated load voltage PWR (green)
- Group error SF (red)

Yes

Yes

Parameter

Remark	3 byte
Missing load voltage	Disable / enable

Potential separation

primary/secondary	Yes; between rated load voltage and backplane bus, between power modules
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Isolation

Isolation tested with	500 V DC
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Standards, approvals, certificates

CE mark	Yes
UL approval	Yes

Ambient conditions

Ambient temperature during operation	
• min.	-40 °C; = Tmin
• max.	70 °C; = Tmax

Extended ambient conditions

• relative to ambient temperature-atmospheric pressure-installation altitude	Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // Tmin ... (Tmax - 10K) at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // Tmin ... (Tmax - 20K) at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
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Relative humidity	
— With condensation, tested in accordance with IEC 60068-2-38, max.	100 %; Relative humidity, incl. condensation / frost permitted (no commissioning under condensation conditions)

Resistance	
— against biologically active substances / conformity with EN 60721-3-3	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna). The supplied connector covers must remain on the unused interfaces during operation!
— against chemically active substances / conformity with EN 60721-3-3	Yes; Class 3C4 incl. salt spray. The supplied connector covers must remain on the unused interfaces during operation!
— against mechanically active substances / conformity with EN 60721-3-3	Yes; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!

Dimensions

Width	15 mm
Height	81 mm
Depth	52 mm

Weights

Weight, approx.	35 g
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last modified: 10/28/2016