

SIPLUS ET200S PM-E 24V-48V -25...+60 DEGREES C BASED ON
6ES7138-4CA50-0AB0



Figure similar

Supply voltage	
Load voltage L+	
• Rated value (DC)	24 to 48 V DC
• Short-circuit protection	No; external (e.g. automatic circuit breaker), tripping characteristic B, C
• Reverse polarity protection	Yes
Input current	
from load voltage L+ (without load), max.	12 mA
Current carrying capacity	
up to 60 °C, max.	10 A
Power loss	
Power loss, typ.	500 mW
Interrupts/diagnostics/status information	
Diagnostic messages	
• missing load voltage	Yes
Diagnostics indication LED	

• Rated load voltage PWR (green)	Yes
• Group error SF (red)	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
Isolation	
Isolation tested with	500 V DC
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
Ambient conditions	
Ambient temperature during operation	
• min.	-25 °C; = Tmin
• max.	60 °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)
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 according to EN 60068-2-52 (degree of severity 3). 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

last modified:

10/28/2016