

SIPLUS ET 200S PM-E 24V-48V -25...+60 °C based on 6ES7138-4CA50-0AB0



Figure similar

Supply voltage	
Load voltage L+	
<ul style="list-style-type: none"> Rated value (DC) Short-circuit protection Reverse polarity protection 	<p>24 to 48 V DC</p> <p>No; external (e.g. automatic circuit breaker), tripping characteristic B, C</p> <p>Yes</p>
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	
<ul style="list-style-type: none"> 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

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

Altitude during operation relating to sea level

- Installation altitude above sea level, max. 5 000 m
- Ambient air temperature-barometric pressure-altitude Tmin ... Tmax at 1 140 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 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 acc. to EN 60068-2-52 (severity degree 3); *
- to mechanically active substances according to EN 60721-3-3 Yes; Class 3S4 incl. sand, dust; *

Use on ships/at sea

- to biologically active substances according to EN 60721-3-6 Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request
- to chemically active substances according to EN 60721-3-6 Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
- to mechanically active substances according to EN 60721-3-6 Yes; Class 6S3 incl. sand, dust; *

from supply voltage 1L+

— Note regarding classification of environmental conditions acc. to EN 60721

* The supplied plug covers must remain in place over 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: 05/16/2018