



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

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 1L+ (without load), max.	4 mA
Current carrying capacity	
Current carrying capacity up to 60 °C, max.	10 A
Power losses	
Power loss, typ.	0.1 W
Interrupts/diagnostics/status information	
Diagnostic messages	
Diagnostics	Yes
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
Galvanic isolation	
primary/secondary	Yes ; between rated load voltage and backplane bus, between power modules
Isolation	
Isolation checked with	500 V DC
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
Ambient conditions	
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, maximum	100 % ; Relative humidity, incl. condensation / frost permitted (no commissioning under condensation conditions)
Resistance	
to 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!
to 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!
to 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!
Mechanical and climatic conditions during operation	
Climatic conditions in operation	
Temperature	
Min.	-40 °C ; = Tmin
max.	70 °C ; = Tmax
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	35 g
Status	Jun 16, 2014