

SPARE PART SIPLUS UPMITER 4A -25 ... + 70 DGR C (S7-300-STYLE)

Supply voltage	
permissible range, lower limit (DC)	10.5 V
permissible range, upper limit (DC)	59 V
Input current	
Rated value at 24 V DC	11 A; @ 10.5 V
Rated value at 48 V DC	1.8 A; @ 59 V
Output voltage	
Rated value (DC)	24 V
Power up time, max.	0.5 s
Voltage rise time, typ.	15 ms
Short-circuit strength	Self-resetting PTC fuse
Residual ripple, typ.	100 mV
Residual ripple, max.	240 mV
Output current	
Current output (rated value)	4 A
Power	
Power consumption, typ.	96 W; Not connectable in parallel for increased power
Efficiency	82 %
Power loss	
Power loss, typ.	15 W
Interrupts/diagnostics/status information	
Diagnostics indication LED	
• Output voltage 24 V DC (green)	Yes; OK for 24 V
Potential separation	
primary/secondary	No
EMC	
EMC interference immunity	EN 61000-6-2
EMC interference emission	EN 55022 Class A
Degree and class of protection	
IP degree of protection	IP20
Standards, approvals, certificates	
CE mark	Yes

Railway application	
• EN 50121-4	No
• EN 50155	No
Ambient conditions	
Ambient temperature during operation	
• min.	-25 °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)
Relative humidity	
— With condensation, tested in accordance with IEC 60068-2-38, max.	100 %; RH incl. condensation/frost (no commissioning when condensation present), vertical mounting position
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 (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!
— 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	80 mm
Height	125 mm
Depth	120 mm
Weights	
Weight, approx.	0.75 kg
last modified:	10/14/2016