

R&S®LANCOM DPSU-480/55

DIN rail power supply unit for R&S®LANCOM industrial access switch



The power supply unit R&S®LANCOM DPSU-480/55 is ideal for reliably powering the industrial access switch R&S®LANCOM IGS-3510XUP, even in demanding industrial environments with strong temperature fluctuations, vibrations, and dirt. The standardized DIN rail mounting and a robust and compact design in combination with an extended operating temperature of -30 °C to +50 °C make the 480 W power supply unit an efficient power provider for the PoE-capable industrial access switch.

- ▶ 480 watts power supply unit for 1-phase systems in DIN rail mounting
- ▶ Compatible with the Industrial Access Switch R&S®LANCOM IGS-3510XUP
- ▶ Input voltage: 100 VAC to 240 VAC
- ▶ Output voltage: 55 VDC @ 10 A
- ▶ Over temperature protection
- ▶ Over current protection
- ▶ Over voltage protection
- ▶ Short circuit protection
- ▶ Operating temperature: -30 °C to +50 °C at 230 VAC with -40 °C cold start

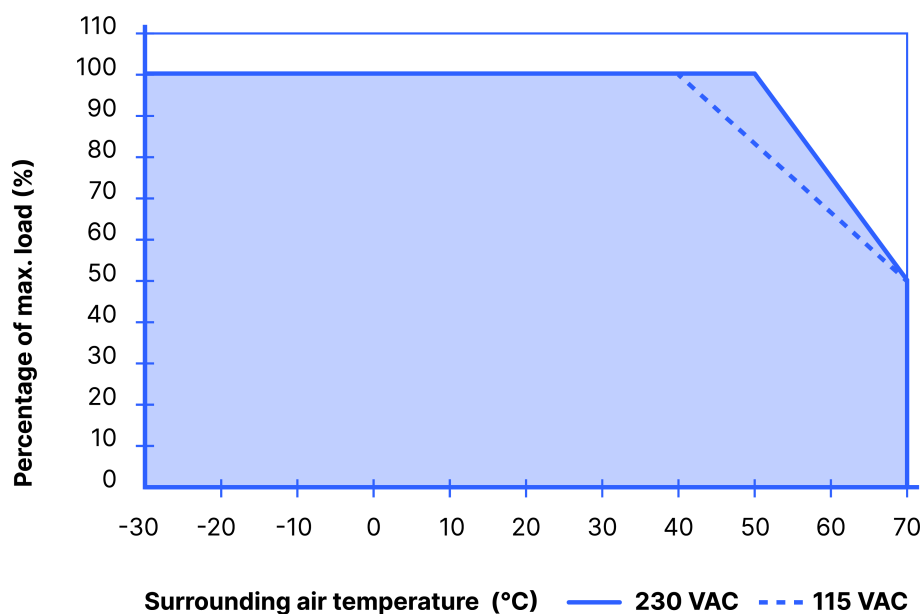
R&S® LANCOM DPSU-480/55

Technical Information	
Input voltage	100 - 240 Vac, 50 - 60 Hz
Current consumption	4,7 A @115 Vac; 2,4 A @230 Vac
Output power	max. 480 W
Output current	48-55 Vdc
Output current	10 A
Overvoltage protection	< 68.0 V, SELV Output, Latch mode
Over temperature protection	Latch mode
Overcurrent protection	105 - 150% of rated load current, Auto-recovery
Start-up time	800 ms typ. @ 115 Vac, 230 Vac (48 V)
No load power consumption	0.75 W max at 115 Vac and 230 Vac
MTBF (Telcordia SR-332)	> 700,000 hrs; O/P: 100% load, Ta: 25°C
Expected Cap Life Time	10 years (230 Vac, 50% load @ 40°C)
Mechanical Information	
Operating temperature	typ. -30°C to 50°C, max. see De-Rating diagramm
Storage temperature	-40°C to 85°C
Operating humidity range	20-90% RH, non-condensing
Dimensions (H x W x D)	4.87 x 2.2 x 4.60 inch
Weight	870 g
Mounting Rail	Standard TS35 DIN Rail in accordance with EN 60715
Scope of delivery	
Documentation	Installation instruction
Declarations of conformity*	
Safety Approvals	UL 62368-1, UL 61010-1/-2-201, CE, EN 62368-1
*) Note	The full text of the specific Declaration of Conformity is available here
Support	
Warranty	2 years
Further information	
Supported devices	R&S®LANCOM IGS-3510XUP, item number: 61912
Item number(s)	
DPSU-480/55	61435

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de-Rating diagramm

Output Load De-rating vs. Surrounding Air Temperature



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