

Single-phase Power Supply pulsing 230VAC/ 24VDC, 2.5A at 50°C

electronic power supply, housing for DIN rail mounting

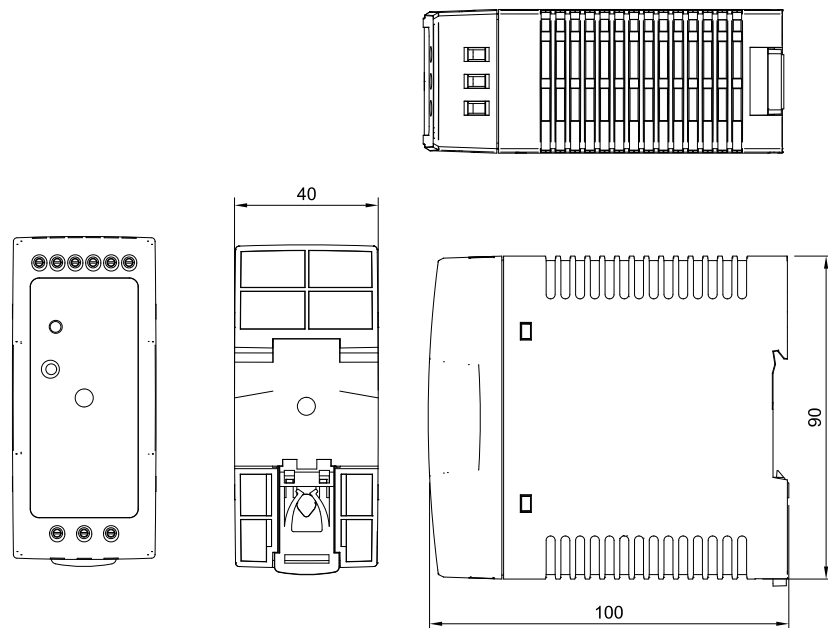


Technical Data

Net length (mm)	41,00
Net width (mm)	92,00
Net height (mm)	100,00
Net weight (kg)	0,28
Input	
Rated voltage	120-230VAC
Input voltage DC (V)	127-370
Frequency (Hz)	47-63
Current consumption	1.6 A (115VAC) / 0.9 A (230VAC)
Inrush current	30 A (115VAC) / 60 A (230VAC)
Power Factor	>0,4
Fuse size	External fuse on AC line: MCB: C-3.15 A / Fuse: T 3.15 A Internal protective fuse: T 3.15 A
Output	
Voltage range (V)	24 DC
Output current (A)	2,5
Overload limiting	4.0 A

Technical Data - continued

Short circuit current	20 A for 100 ms
Ripple at nominal ratings	150 mVpp
Hold up time	20 ms (115VAC) / 50 ms (230VAC)
Status LEDs	LED "DC OK"
Contacts	dry contact, max. 1 A
Redundant parallel connection	Possible with external ORing diode
Technical data	
Efficiency (depending on input voltage)	86% (115VAC) / 88% (230VAC)
Power loss (depending on input voltage)	10 W (115VAC) / 8 W (230VAC)
Operating temperature	-20°C...+70°C (derating -1,6 W/°C >55°C)
Isolation	Input/output isolation: 3 kV AC / 60 s Input/ground insulation: 2 kV AC / 60 s Output/ground insulation: 0.5 kV AC / 60 s
Standard	EN 62368-1 EN 61000-4-8 EN 61000-4-11 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 55032 EN 61000-3-2 EN 55035 EN 61000-3-3 EN 61000-4-2 EN 61000-4-3
Overvoltage category	3
Pollution degree	2
IP Rating	IP20
Connections	1,5mm ² / 1,5mm ²
Housing material	Plastic Class V0 according to UL-94
Outside dimensions	41 x 100 x 92 mm
Weight appr. (kg/km)	0,28
Mounting	On DIN rail according to EN 60715 (35mm) via quick mounting clip
Mounting Depth (mm)	8

**Dimensioned drawing: Single-phase Power Supply pulsing 230VAC/24VDC,
2.5A at 50°C****[mm]**

DESCRIPTION	Order No.
Single-phase Power Supply pulsing 230VAC/24VDC, 2.5A at 50°C electronic power supply, housing for DIN rail mounting	LPC 12402