



SPS-24/0,6

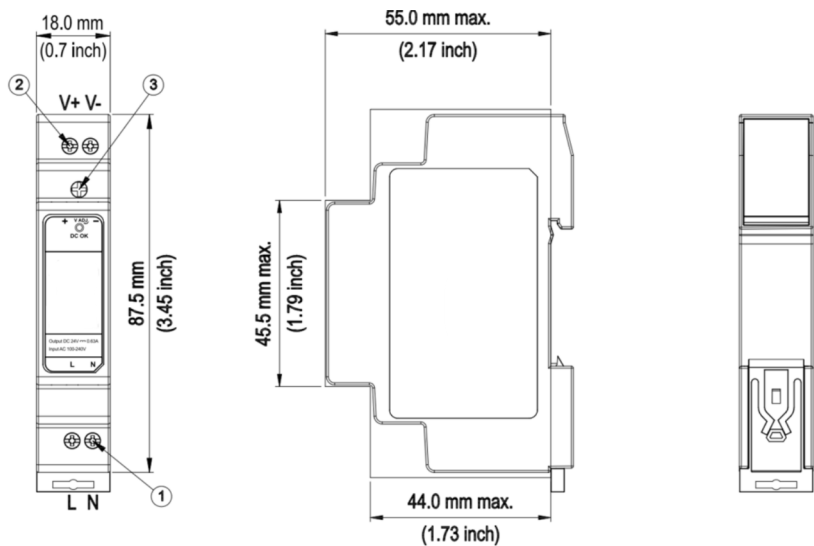
- industrial 15W power supply
- DIN rail mounting
- class II, double isolation (no Earth connection is required)
- universal AC input voltage range
- full power up to 50°C
- efficiency 87.5% typ. @ 115VAC & 230VAC
- can be installed in compact cabinets
- convection cooling

The SPS-24/0,6 is part of the DIN rail power supply series, which is designed for use in compact cabinets for home automations and the food and beverage industry. DIN rail power supplies offer double isolated input. This means that no Earth connection is required thus resulting in low leakage current. This product provides a universal input voltage range of 85 ÷ 264V AC, and a wide temperature range of -40°C to 70°C. The power supplies are certified to safety standard according to IEC/EN 60335-1, IEC 61558-1 and IEC 61558-2-16. NEC Class 2 and Limited Power Source (LPS) approvals are available for this product.

TECHNICAL DATA

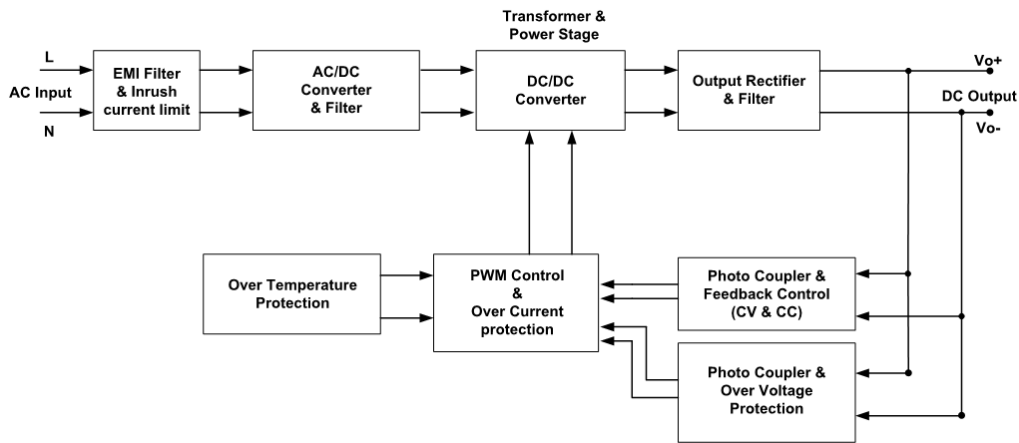
Input ratings:	nominal input voltage: 100 ÷ 240V AC (85 ÷ 264V AC); 120 ÷ 375V DC nominal input frequency: 50 ÷ 60 Hz (47 ÷ 63 Hz) input current: < 0.5A @ 115V AC, < 0.3A @ 230V AC efficiency at 100% load: 87.5% typ. @ 115V AC & 230V AC no load power consumption: 0.1W typ. @ 115V AC & 230V AC max inrush current (cold start): 40A typ. @ 230V AC leakage current: < 0.25mA @ 240V AC
Output ratings:	nominal output voltage: 24V DC (21.6 ÷ 26.4V DC) factory set point tolerance: 24V DC ± 1% output current: 0 ÷ 0.63A output power: 15W line regulation: ± 0.5% @ 115V AC & 230V AC load regulation: ± 0.5% rise time: 30 ms typ. @ 115V AC & 230V AC start-up time: 1500 ms typ. @ 115V AC & 230V AC hold-up time: 18 ms typ. @ 115V AC, 79 ms typ. @ 230V AC (100% load) dynamic response: ± 10% @ 115V AC & 230V AC input, 10-100% load
Galvanic isolation	4.0 kV AC (input to output)
Overvoltage	< 36V, SELV Output, Auto Mode
Overload	101 ÷ 150% of rated load current, Auto-recovery
Noise	< 25 dBA (1 meter from power supply)
Mounting	standard TS35 DIN rail in accordance with EN 60715
Environment	operating temperature: -40°C ÷ 70°C, storage temperature: -40°C ÷ 85°C, humidity: 5 ÷ 95%, non-condensing
Degree of protection	IP 20
Case cover	plastic
Dimensions (L x W x D)	87,5 x 18 x 55 mm
Weight	60 g

DIMENSIONS

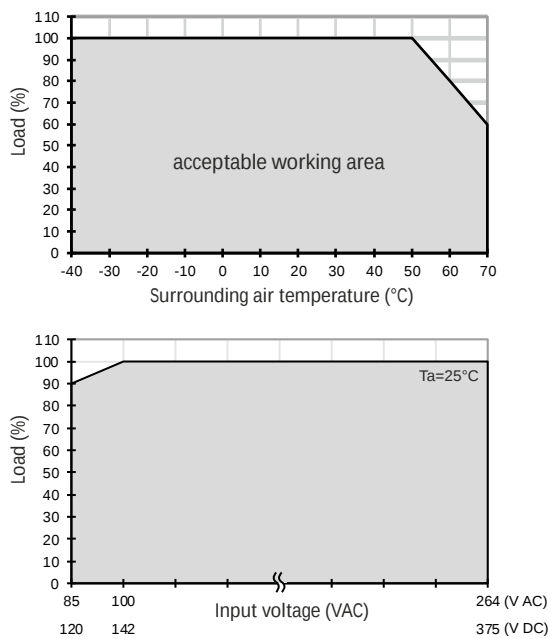


Item	Device Description
1	Input terminal block connector
2	Output terminal block connector
3	DC voltage adjustment potentiometer

BLOCK DIAGRAM



OUTPUT LOAD DE-RATING VS SURROUNDING AIR TEMPERATURE



ORDERING

SPS-24/0,6