

DIN Rail Power Supply



- Suits 15T and 8T Servers & Interfaces
- Supplies 24V DC via a screw-down terminal
- Allows long distance cable runs to 15T and 8T touch panels (10-24V DC input)
- Universal AC input/Full range
- Protections: Short circuit/Over load/Over voltage
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- Isolation class II
- LED indicator for power on
- 100% full load burn-in test

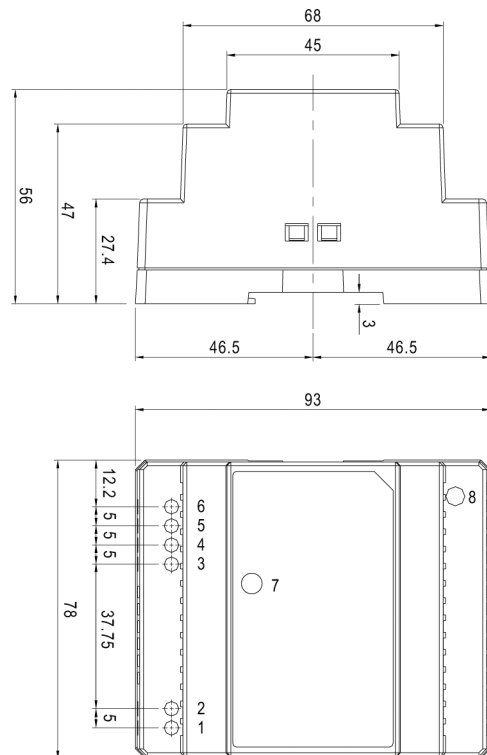
30W single output Class II DIN rail switching power supply for the new range of Switch Automation Touch Panels.

With Class II protection levels, this series provides users with a safer operating environment and featuring up to 86% efficiency, this series can be cooled by free air convection to significantly increase the reliability and lifetime of the power supply. Also complies with the safety and EMC requirements of EN50178.

Specifications

- Input Voltage: 85 ~ 264VAC
- Input Frequency: 47 ~ 63Hz
- AC Current: 0.88A/115VAC 0.48A/230VAC
- Inrush Current: 15A/115VAC 30A/230VAC cold start
- Setup, Rise Time: 100ms, 30ms/230VAC 100ms, 30ms/115VAC at full load
- Hold Time: 100ms/230VAC 21ms/115VAC at full load
- Over Load Protection 105 ~ 160% rated output power
- Constant current limiting, recovers automatically after fault condition is removed
- Over Voltage Protection: Shut down o/p voltage, re-power on to recover
- Working Temperature: -20°C to +60°C (Refer to output load derating curve)
- Working Humidity: 20% to 90% RH non-condensing
- Storage Temp., Humidity: -40°C to +85°C , 10% to 95%RH
- Temp. Coefficient: ±0.03%/°C (0 to 50°C)
- Vibration: 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
- Safety Standards: UL60950-1, TUV EN60950-1 Approved, Design refer to EN50178, C-Tick
- Withstand Voltage I/P-O/P:3KVAC
- Isolation Resistance I/P-O/P:100M Ohms/500VDC
- EMC Compliance to EN55011,EN55022 (CISPR22) Class B, EN61000-3-2,-3 EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN55024, EN61000-6-1, EN61204-3 Light industry, Criteria A
- MTBF 441.5K hrs min. MIL-HDBK-217F (25°C)

Case No. 918B Unit:mm



- 1,2 = 240VAC input
- 3,4 = 12VDC output Terminal 1
- 5,6 = 12VDC output Terminal 2
- 7 = Status Light
- 8 = Voltage adjustment screw

DR-30-24 Output Data

DC Voltage	Rated Current	Current Range	Rated Power	R&N	Volt. Adj.	Tol.	Line Reg.	Load Reg.	Eff.	OVP
24V	1.5A	0-1.5A	36W	150mV	21.6 26.4V	~ ±1.0%	±1.0%	±1.0%	83%	27.6 32.4V

