

240 Watt
DIN-Rail
Power
Module

DIN-Rail Power Module

240 Watt DRP-Hutschiene-Serie



DIN-RAIL POWER

Besondere Merkmale Features

Weiter Eingang	Wide input
Hoher Wirkungsgrad	High efficiency
Sehr kompakter Aufbau	Ultra compact design
Überlast- und kurzschlußfest	Overload short circuit protection
Interner EingangsfILTER	Internal input filter
Montage ohne Werkzeug	No tools required for mounting
Passive PFC	Passive PFC

Anwendung Application

Schaltschrank mit Hutschiene	switch cabinet with DIN-RAIL
------------------------------	------------------------------

Technische Daten Specification

bei 25°C Umgebungstemperatur	at 25 °C ambient temperature
------------------------------	------------------------------

Eingangsdaten Input Specifications

Eingangsspannung	Input voltage	85...264 V AC or 120...372 VDC
Eingangsfrequenz	Input frequency	47...63 Hz
Wirkungsgrad	Efficiency	typ. 84-85%
Einschaltstromstoß	Inrush current	<30A@115VAC, <50A@230VAC

Ausgangsdaten Output Specifications

Leistung	Power	240 Watt
Spannungs-Regelabweichung	Line regulation	±0,5% @Vo nom
Last-Regelabweichung	Load regulation	±1% @ Vo nom
Überstrom/Kurzschlußschutz	Overcurrent/short-circuit protection	>105-150%, Auto Restart
Restwelligkeit	Ripple and noise	see table
Temperaturschutz	Overtemperature	Tj 100° typ. on heatsink, Autorecover after temperature goes down
Betriebsanzeige	Power on indicator	LED

Allgemeine Daten General Specifications

Betriebstemperatur	Operating temperature	-10°C...+70°C, Derating see table
Lagertemperatur	Storage temperature	-25°C...+85°C
Luftfeuchtigkeit	Humidity	max 95 %RH
Isolationswiderstand	Isolation resistance	100 MOhm min.
Isolation	Dielectric withstand (Hipot)	Input <-> Output 3 KVAC
MTBF	MTBF	MIL-HNBK: 105.500 h
Kühlung	Cooling	Convection
Leckstrom	Leakage current	<3,5mA/240VAC
DIN-Hutschiene	DIN-RAIL	TS35/7.5 or TS35/15
Funkentstörung	EMI	EN 55022 B, EN55011
Störfestigkeit	EMS	EN61000-4-2,3,4,5,8,11 ENV50204, EN55024, EN61000-6-2 criteria A
Zulassungsbestimmungen	Safety approvals	EN61000-3-2,3 UL /cUL 508 & 60950-1, TÜV EN 60950

DIN-Rail Power Module

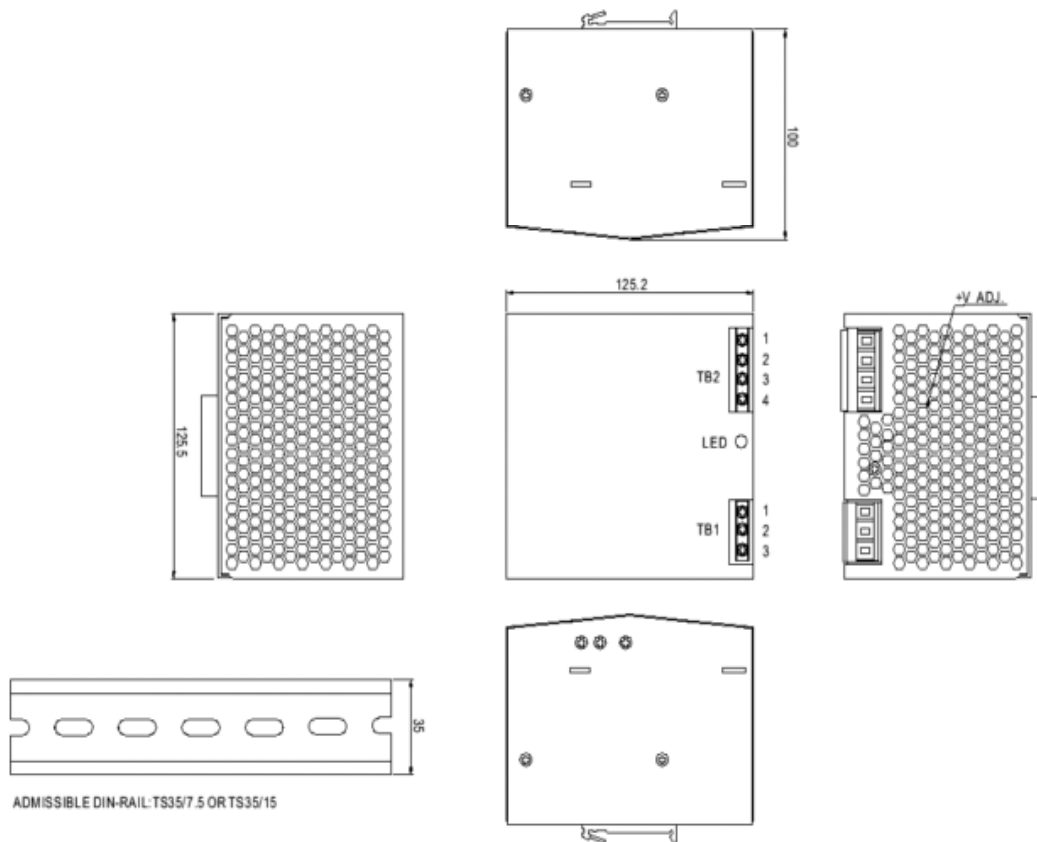
240 Watt DRP-Hutschiene-Serie

240 Watt DIN-Rail Power Module

Bestell-Information / Order Information

Modell	Ausgang 1 Output 1	Last/Load		Ripple & Noise. typ.	Adjustable output voltage by potentiometer
		Min.	Max.		
DRP-240-24	24 V	0.0 A	10 A	80mVpp	24...28 V
DRP-240-48	48 V	0.0 A	5 A	150mVpp	48...53 V

MEMO:



ADMISSIBLE DIN-RAIL: TS35/7.5 OR TS35/15

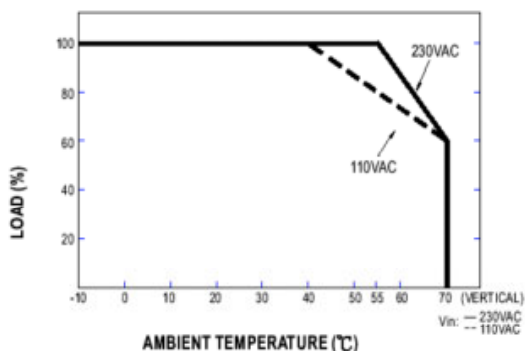
Terminal Pin. No Assignment (TB1)

Pin No.	Assignment
1	FG ⊕
2	AC/N
3	AC/L

Terminal Pin. No Assignment (TB2)

Pin No.	Assignment
1,2	DC OUTPUT +V
3,4	DC OUTPUT -V

Output Derating



Output derating VS input voltage

