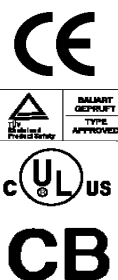


120 Watt
DIN-Rail
Power
Module

DIN-Rail Power Module

120 Watt DR-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

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(schaltbar)	Input voltage(by switch)	88...132 V / 176...264 AC or 248...370 VDC
Eingangsfrequenz	Input frequency	47...63 Hz
Wirkungsgrad	Efficiency	typ. 80-85%
Einschaltstromstoß	Inrush current	<30A@115VAC, <60A@230VAC

Ausgangsdaten Output Specifications

Leistung	Power	120 Watt
Spannungs-Regelabweichung	Line regulation	±1% @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 85° typ. on heatsink, Autorecover after temperature goes down
Betriebsanzeige	Power on indicator	LED

Allgemeine Daten General Specifications

Betriebstemperatur	Operating temperature	-10°C...+60°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: 136.800 h
Kühlung	Cooling	Convection
Leckstrom	Leakage current	<3mA/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

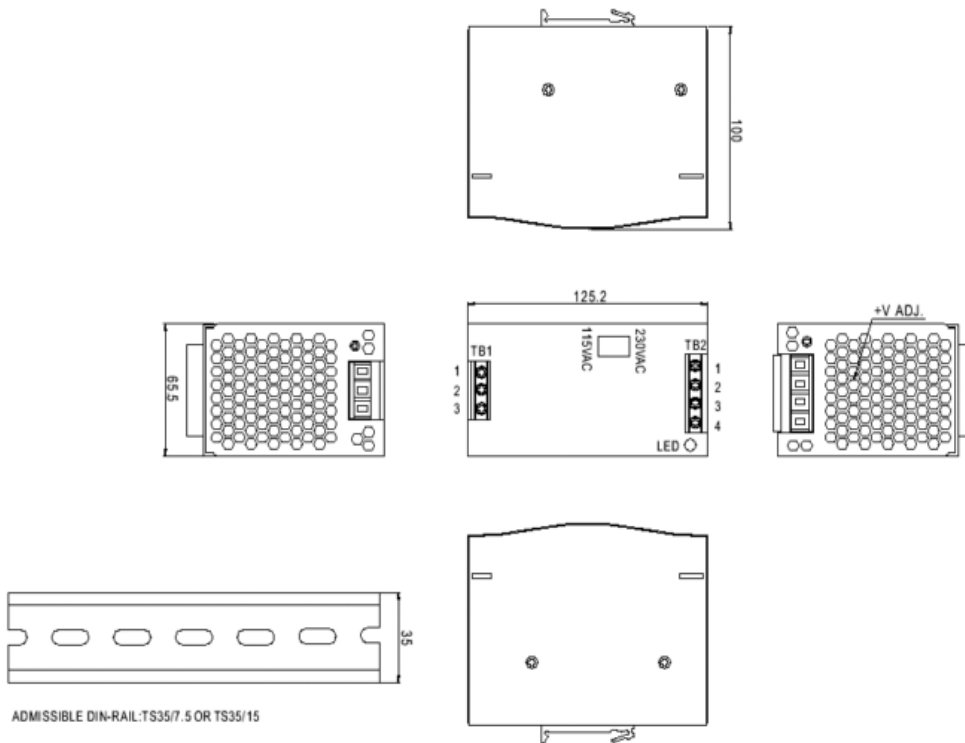
120 Watt DR-Hutschiene-Serie

120 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.		
DR-120-12	12 V	0.0 A	10 A	80mVpp	12...14 V
DR-120-24	24 V	0.0 A	5 A	80mVpp	24...28 V
DR-120-48	48 V	0.0 A	2,5 A	100mVpp	48...53 V

MEMO:



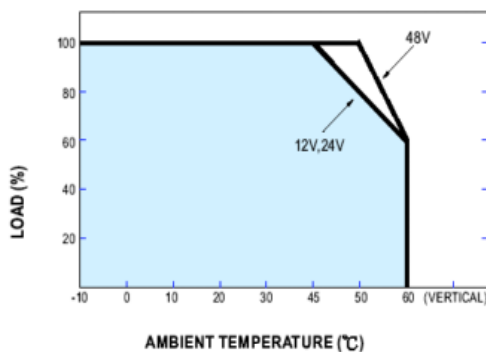
Terminal Pin. No Assignment (TB1)

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



Static Characteristics (24V)

