

75Watt  
DIN-Rail  
Power  
Module

# DIN-Rail Power Module

75 Watt DR-Hutschiene-Serie



DIN-RAIL POWER

## Besondere Merkmale Features

Universaleingang	Universal 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
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## Technische Daten Specification

bei 25°C Umgebungstemperatur	at 25 °C ambient temperature
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## Eingangsdaten Input Specifications

Eingangsspannung	Input voltage	90...264 V AC or 120...372 VDC
Eingangsfrequenz	Input frequency	47...63 Hz
Wirkungsgrad	Efficiency	typ. 76-81%
Einschaltstromstoß	Inrush current	<30A@115VAC, <60A@230VAC

## Ausgangsdaten Output Specifications

Leistung	Power	76 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: 123.100 h
Kühlung	Cooling	Convection
Leckstrom	Leakage current	<1mA/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, TÜV EN 60950

# DIN-Rail Power Module

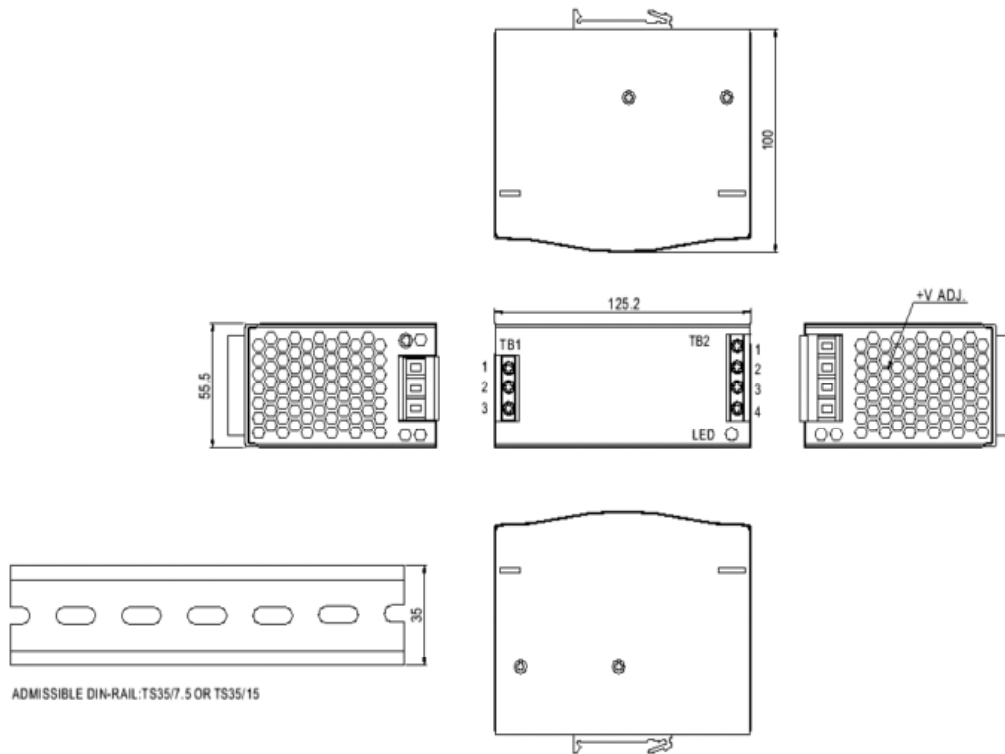
## 75 Watt DR-Hutschiene-Serie

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### Bestell-Information / Order Information

Modell	Ausgang 1 Output 1	Last/Load		Ripple & Noise. typ.	Adjustable output voltage by potentiometer
		Min.	Max.		
DR-75-12	12 V	0.0 A	6,3 A	100mVpp	12...14 V
DR-75-24	24 V	0.0 A	3,2 A	150mVpp	24...28 V
DR-75-48	48 V	0.0 A	1,6 A	240mVpp	48...53 V

MEMO:



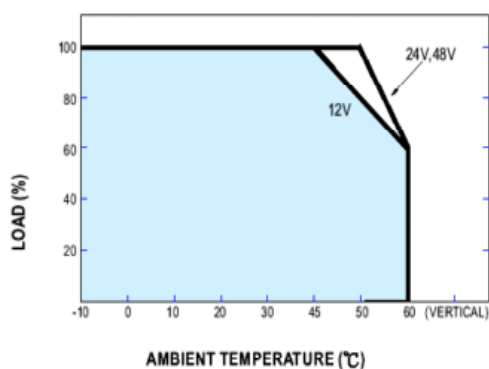
Terminal Pin. No Assignment (TB1)

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



### Output Derating Vs Input Voltage

