

Power supply mod. MDR and DR



Single/Three Phase Power supply for DIN-Rail mounting

Applicazioni	Applications
Quadri elettrici industriali e civili	Control panels
Automazioni general purpose	General purpose automation

» Description

Power supply modules DR and MDR are specifically conceived for industrial applications. Compact dimensions and good performances make them the ideal complement for control equipments like PLCs, HMI, controllers. MDR series features power range from 20W to 100W with single phase input. DR series is available both as single-phase and three-phase, with power range up to 480W.

» Dati Tecnici

SERIE MDR

- DIMENSIONI: 22,5x90x100 (20W); 40x90x100 (40-60W)
- INGRESSO AC: da 85...264Vac
- PROTEZIONE SOVRACCARICO: 105...120%(160%) costante, limitatore di corrente
- PROTEZIONE SOVRATENSIONI: 115...135% , 125...135% in rapporto alla tensione di uscita
- SETUP: 500ms a pieno carico e 230Vac
- RISE: 30ms a pieno carico e 230Vac
- HOLD UP TIME: 50ms a pieno carico e 230Vac
- TEMPERATURA DI UTILIZZO: -20...55°C
- SEGNALE DI ALLARME: Contatto a relè
- STANDARD EMC: EN55022 class B; EN 61000-6-2 Livello industria pesante
- CONNESSIONE: 3/6 poli con morsetteria a vite

SERIE DR

- DIMENSIONI: 55,5x125x100 (75W); 65,5x125x100 (120W); 125,5x125x100 (240W) ; 227x125x100 (480W)
- INGRESSO AC: da 85...264Vac ; 90...132/180...264Vac (selezionabile con switch) monofase e trifase
- CORREZIONE USCITA DC: +/-10% 24...28Vdc
- PROTEZIONE SOVRACCARICO: 115...142%costante, limitatore di corrente
- PROTEZIONE SOVRATEMPERATURA: Taglio tensione di uscita con restart
- TEMPERATURA DI UTILIZZO: -10...55°C /-20...70°C
- STANDARD EMC: EN55022 class B; EN 61000-6-2 Livello industria pesante
- CONNESSIONE: 3/4 poli con morsetteria a vite

» Technical Data

MDR series

- DIMENSIONS: 22,5x90x100 (20W); 40x90x100 (40-60W)
- AC input: 85...264Vac
- OVERLOAD protection: 105...120%(160%)
- OVER VOLTAGE protection: 115...135% , 125...135% according to output voltage
- SETUP: 500ms at full load and 230Vac
- RISE: 30ms at full load and 230Vac
- HOLD UP Time: 50ms at full load and 230Vac
- OPERATING CONDITIONS:-20...55°C
- ALARM signal: relay contact
- EMC standards: EN55022 class B; EN61000-6-2 heavy industry
- CONNECTION: 3/6 poles, screw terminals

DR series

- DIMENSIONS: 55,5x125x100 (75W); 65,5x125x100 (120W); 125,5x125x100 (240W) ; 227x125x100 (480W)
- AC input: 85...264Vac; 90...132/180...264Vac (switch selectable), single/ three phase
- DC adjustment range: +/-10% 24...28Vdc
- OVERLOAD protection:115...142% constant current limiting
- OVER TEMPERATURE protection: shut down output voltage,automatical recovery
- OPERATING CONDITIONS: -10...55°C /-20...70°C
- EMC standards: EN55022 class B; EN61000-6-2 heavy industry
- CONNECTION: 3/4 poles, screw terminals

Code	Model	Type	Input	Output
2700.10.003	ALM-DR-45-24 (45W)	Monophase	100-240Vac 1.5A	24Vdc 2.0A
2700.10.004	ALM-DR-120-24 (1PH-120W)	Monophase	100-120Vac 3.3A	24Vdc 5.0A
2700.10.005	ALM-DRP-240-24 (1PH-240W)	Monophase	100-240Vac 3.5A	24Vdc 10A
2700.10.006	ALM-DRT-240-24 (3PH-240W)	Threephase	400-500Vac 0.95A	24Vdc 10A
2700.10.008	ALM-MDR-20-24 (20W)	Monophase	100-240Vac 0.55A	24Vdc 1.0A
2700.10.009	ALM-MDR-40-24 (40W)	Monophase	100-240Vac 1.1A	24Vdc 1.7A
2700.10.012	ALM-MDR-60-24 (60W)	Monophase	100-240Vac 1.8A	24Vdc 2.5A