

Norgay Power Conditioning and Communication Components

New Product Announcement: MDR-20 Series

Norgay Enterprises Ltd.

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MEAN WELL launched a new slim type DIN rail switching power supply, MDR-20 series, for the fast growing demand of low wattage DIN rail applications. These 15W~24W Class I models are enclosed with fully isolated plastic case to prevent users from hazardous shock. The design of 22.5mm in width complies with the slim trend that the precious space on the industrial rail can be saved effectively.

Featuring up to 84% of efficiency, this series can be cooled by only free air convection up to 70°C that significantly increase the reliability and lifetime of the power supply. Another important feature of MDR-20 is its low no load power consumption (<0.75W). This unique characteristic can significantly expand the application of MDR-20 beyond just heavy industrial field, but can also be implied to datacom or IT applications that require green power to save the energy and to obey the anticipated government laws in the near future!

Short circuit protection, overload protection, over voltage protection, and the DC OK signal for monitoring the status of PSU are standard functions for the MDR-20 series. Typical applications includes factory automation, process control, electro-mechanical industry, datacom, IT, and ...etc.. Following are the features and main specifications of the new MDR-20 series and please visit our website for more detail information: www.norgay.com North America Toll Free: 800-280-2839

- **22.5mm slim width**
- Universal AC input / Full range
- Short circuit, overload, over-voltage protection
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- **DC OK signal output (open collector type)**
- **No load power consumption <0.75W**
- LED indicator for power on
- Dimension (W*H*D): 22.5mm * 90mm * 100mm
- Certificate: TUV/CE/CB/UL/CUL
- 3 years warranty

Model	MDR-20-5	MDR-20-12	MDR-20-15	MDR-20-24
DC voltage	5V	12V	15V	24V
Rated current	3A	1.67A	1.34A	1A
Rated power	15W	20W	20W	24W
Input voltage	85~264VAC, 120~370VDC			
Efficiency(230VAC)	76%	80%	81%	84%
Operating temperature	-20~50 deg C @ full load, 70 deg C @ 50% load			
Safety standard	UL508, TUV EN60950-1			
EMC standard	Compliance to EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV 50204, EN61204-3			



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