

# 10W Single Output Industrial Power Supply

for sglux UV sensor probes

## GENERAL FEATURES



### Properties of the power supply

- Universal wide range AC/DC input
- Protections: short circuit / over load / over voltage
- Cooling by free air convection
- Direct assembly on DIN Rail TS-35/7.5 or 15, 22.5 mm width
- Built in DC OK active signal, power-on LED
- No load power consumption < 0.75 W
- 100% full load burn-in test

## TECHNICAL SPECIFICATIONS

Parameter	Value
Voltage Range	85 ... 264 V <sub>AC</sub> , 120 ... 370 V <sub>DC</sub>
Frequency Range	47 ... 63 Hz
Typical AC Current	0.33 A/115V <sub>AC</sub> 0.21A/230V <sub>AC</sub>
Operating Temperature	-20 ... +70°C
Working Humidity	20 ... 90% RH (non-condensing)
Dimensions	22.5 mm x 90 mm x 100 mm (WxHxD)

MODEL		MDR-10-12	MDR-10-24
OUTPUT	DC Voltage	12 V	24 V
	Rated Current	0.84 A	0.42 A
	Rated Power	10W	10 W
	Ripple & Noise (max.)	120 mV <sub>p-p</sub>	150 mV <sub>p-p</sub>
	Voltage Tolerance	± 3.0 %	± 2.0 %
	Line / Load Regulation	± 1.0 % / ± 3.0 %	± 1.0 % / ± 2.0 %
EMC & Others	EMC Emission	Compliance to EN55011, 55022 (CISPR22), EN61204-3 Class B, EN61000-3-2,-3	
	EMC Immunity	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-1, EN61204-3, light industry level, criteria A	
	MTBF	584K hrs min. MIL-HDBK-217F (25°C)	

For further information please see manufacturers datasheet Meanwell MDR-10 series.