

DIN30W12

DIN Rail PSU 12V/2.5A, plastic case, step type



- Features:
- Constant voltage design
 - European AC input range
 - Protections: Short circuit / Overload / Over voltage / Over temperature
 - Cooling by free air convection
 - Isolation class II
 - Can be installed on DIN Rail TS-35/7 or 15
 - MTBF 200.000 h



ELECTRICAL SPECIFICATION

Product Type	Industrial Power Supply, DIN Rail Power Supply, Power supply
Output Voltage	12V DC
Rated Current	2.5A
Power (W)	30 W
Dimming	No
Voltage Ripple & Noise (max.)	150mVp-p
Line Regulation	± 1%
Load Regulation	± 1%
Setup, Rise Time	max. 550ms, max. 70ms / 230VAC at full load
Hold up Time (typ.)	55 ms at full load and 230VAC nominal line
AC input voltage range	European
PFC	No
Protection class	II
Efficiency (typ.)	84%
AC Current (typ.)	0.45A / 230VAC, 0.7A / 115VAC,
No Load Power Consumption (typ. / max.)	<0.5W
Inrush Current (typ.)	40A at 230VAC cold start at 25°C
IP protection level	IP20

Leakage Current (max.)	□1.5mA at 50/60Hz 240VAC INPUT
Short Circuit protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection (range)	Range 120 ÷ 210%
Over Temperature protection	Type: shut down output voltage. Re-power on to recovery.
Over Voltage protection	Type: hiccup mode, auto-recovery.
Working Temperature range	-20°C ÷ +50°C
Working Humidity range	45 ÷ 85% RH non-condensing
Storage Temperature and Humidity	-30°C ÷ +70°C, 10 ÷ 95% RH non-condensing
Safety Standards	EN 62368-1 :2014+A11 :2017
Withstand Voltage	IN/OUT: 3.75kVAC
EMC Emission	TÜV EN 55032:2015 + A11:2020 + A1:2020
EMC Immunity	TÜV EN 55035:2017 + A11:2020
Harmonic Current	TÜV EN61000-3-2:2019 + A1:2021, TÜV EN61000-3-3:2013 + A1:2019 + A2:2021
Dimmensions (L x W x H)	62.5x93x56mm
Weight (kg)	0.21
Packing	50pcs./box; weiht box and dimensions: 11kg; 37.05 x 23.6 x 33.5cm
Warranty	3 years
Mounting	DIN
Programmable	No

MECHANICAL SPECIFICATION

