

# DIN30W15

DIN Rail PSU 15V/2A, 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	15V DC
Rated Current	2A
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
No Load Power Consumption (typ. / max.)	<0.5W
Inrush Current (typ.)	40A at 230VAC cold start at 25°C
IP protection level	IP20

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

**MECHANICAL SPECIFICATION**

