

CODE: PSDC16128 v.1.0
TYPE: PSU-S/H-12V/S-8A/16/FTA/PTC-MC



DESCRIPTION

Stabilised PSDC04122 power supply is used to supply devices requiring stabilised 12V DC power with overall 8A efficiency.

Basic features of the power supply:

- 16 outputs independently secured with fuses: F 500mA or PTC 500mA
- optical operation signalling informing about the status of: outputs and/or failures
- AW technical output informing about the status of the output failure (actuation of SCP), used in remote control of operation,
- anti short-circuit protection (SCP), anti-overload protection (OLP), over voltage protection (OVP)
- regulation of the output voltage: P1 (12.0÷16.5 V DC)
- metal casing (colour: RAL 9003) with signalling panel

TECHNICAL DATA

Casing:	metal, IP20, color RAL9003,
Dimensions:	W=280, H=256, D=58, W1=285, H1=261, D1=52, D2=14 [mm, +/-2]
Net/ gross weight:	2.03 / 2.2 [kg]
Antisabotage protection:	1x microswitch: TAMPER
Closing:	screwed: cheese screw x 1
Remarks:	distance from wall (ground) 8 mm
Power supply:	176÷264 V AC; 47÷63Hz (1,5A@230 V AC), 248÷373 V DC
Power module:	switching power supply unit
Power of the power supply unit:	P=120W max.
Output voltage:	12.5V DC, reg.: 12.0÷16.5 V DC (-5%/+5%), 120 mV p-p max.
Output current:	16x 0.5A or 8x 1A (fuses from the set) ΣI= 8.0A
Number of supply outputs:	16
Short-circuit protection (SCP):	16x0.5A fuses or PTC or 8x1,0A (fuses from the set)
Overload protection (OLP):	110÷150% of power, electronic, automatic return
Over-voltage protection (OVP):	17.25 ÷20.25 V: disconnection of DC circuit – manual restart
Supervoltage protection:	varistors
Acoustic signaling of operation:	no
Optical signaling of operation:	LEDs: green= DC outputs (2x8 pcs), red= failure (2x 1 pcs)
Technical output AW :	2xOC, 50 mA (max.), normal status=L (0 V), failure= hi-Z
Operating conditions:	2nd environmental class, -10°C ÷ 50°C
Certificates, declarations:	CE, RoHS declaration
Remarks:	PSU cooling: convection Outputs: connectors Φ 0.51÷2.05 (AWG 24-12)