

Datasheet

Flush POWER SUPPLY 20W
24VDC Art. 1632.03150/020024
12VDC Art. 1632.03150/020012
05VDC Art. 1632.03150/020005



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Description

The **Flush POWER SUPPLIES 20W** are used to provide accurate and stable DC supply voltages to power devices especially in applications of building automation, access control, ...

Because of their small size, these Flush Power Supplies can be mounted in wallboxes, near to the touchpanel, display, binary input, card reader, USB chargers or other device that needs power. So, there is no need to distribute low voltage within building anymore, making installation simpler and avoiding voltage drop across long câbles.

The **Flush POWER SUPPLIES** features an overload detection to protect themselves in case of wrong or defective load, short circuit, ... So, no fuse inside Supply has to be replaced, resulting in less maintenance.

Also, a thermal protection is integrated into the Supplies. In case of overheating, due for example to abnormal ambient temperature, the device will switch off power to the load automatically. After cooling down, output voltage will be switched On again. So, the maximum continuous available output Power is limited by quality of convection around the Power Supply. A green LED in front of device is indicating status of power supply.

Functional description

- Wide range input voltage, 115VAC / 230VAC, 50/60Hz.
- Accurate DC output voltage
- Protected against short-circuit, overload and overheating
- LED indicator for output voltage Status.

Technical Data

Housing	45mmx 45mm x 35mm	
Mounting	in a recessed box	
Housing material	ABS	
Protection degree	IP20	
Weight	0.060kg	
Operating temperature	-5°C ... +45°C ambient temperature cooling by free air convection	
Terminals Mains voltage / Low voltage	screw terminals, 12A 250V / Push wire 2x4 poles	
Wire section	1.5mm ² (16AWG) / 0.6-0.8mm ² (22-20AWG)	
Clamp opening size	2.5x2.1mm / -	
Screw	M3 / -	
Maximum torque	0.5Nm (4.5 in.lbs.) / -	
Input	115 – 230VAC +/- 10%, 50/60Hz	
Current 115VAC / 230VAC	0.35A / 0.2A	
Output		
1632.03150/020005	5VDC +/- 5%, max. 4A	
1632.03150/020012	12VDC +/- 5%, max. 1.66A	
1632.03150/020024	24VDC +/- 5%, max. 0.83A	
Efficiency 5VDC / 12VDC / 24VDC	80% / 82% / 85%	
EMC	EN 61000-4-2	EN 61000-4-3
	EN 61000-4-4	EN 61000-4-5
	EN 55022-B	EN 61000-4-11