



Switchmode power supply

2220

- Mains voltage input
- Isolation 3.75 kVAC
- Short-circuit protection
- Thermal overload protection
- Standard 11-pole relay socket







Advanced features

- The power supply is based on secondary switchmode technology to achieve a high efficiency.
- · The output is adjustable from front potentiometer in the range 5...24 VDC.

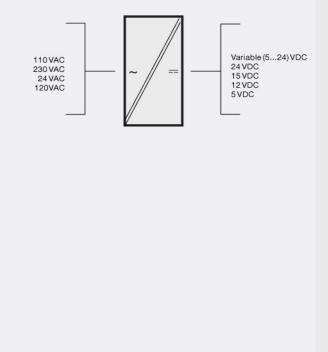
Application

- · General power supply for smaller measurement systems requiring fixed stabilized 24 VDC, or supply for any other sensors, transmitters or as a general variable power supply 5 to 24 VDC.
- · Two units may be connected in series for plus / minus or higher output voltage.
- · Suitable for PELV/SELV applications.

Technical characteristics

- · A green LED indicates active output.
- · Double-isolated safety transformer.
- Isolation test voltage between input and output is 3.75 kVAC.
- · The input circuit is protected with a thermal fuse.
- · Output short circuit protection with current limiter.

Applications



Order:

Туре	Version	on	Output	
2220	110 VAC 230 VAC	: A : B	Special (524 V) 24 VDC	: 0 : 1
	24 VAC 120 VAC	: D : F	15 VDC 12 VDC 5 VDC	: 2 : 3 : 4

Environmental Conditions

Operating temperature	-20°C to +60°C
Relative humidity	< 95% RH (non-cond.)
Protection degree	IP50

Mechanical specifications

Dimensions (HxWxD)	80.5 x 35.5 x 84.5 mm (D is
	without pins)
Weight approx	425 g

Common specifications

Isolation voltage

Transformer..... EN 60742
Effect of supply voltage change... < ±30 mV (±10%)

Input specifications

Input voltage (AC)	21.626.4 VAC
Input voltage (AC)	99121 VAC
Input voltage (AC)	108132 VAC
Input voltage (AC)	207253 VAC
Frequency	5060 Hz

Output specifications

Current output

Current limit	Typ. 2.2 A (short circuit)
Output voltage	4.7525.2 VDC
Output power	Max. 7 W
Output current	1 A / 5 VDC
Output current	0.55 A / 12 VDC
Output current	0.45 A / 15 VDC
Output current	0.3 A / 24 VDC
Load effect (10%-max. load)	< 1.5% / A
Output ripple	< 20 mVRMS

Observed authority requirements

EMC	2014/30/EU
LVD	
EAC	TR-CU 020/2011