

FOXTAM SWITCH MODE POWER SUPPLIES



TYPE: FOX.PSU-3 xxx/xx

FEATURES

- Din rail mounted
- High stability
- Input voltage range 85-264VAC/120-370VDC
- 12VDC & 24VDC outputs
- Output voltage adjustable
- Output confirmation relay contact*
- Pair of common output terminals*
- Built in short circuit & overload protection
- LED indication

*See description



DESCRIPTION

A range of Din rail mounted switch mode power supplies available in either a 12VDC or 24VDC output, the output also being adjustable. Available in three different housing sizes, of a "narrow in width but greater in height housing style", that differs from our FOX.PSU-2 range. The input voltage is universal covering a span of 85-264VAC & 120-370VDC. The FOX.PSU-3 power supplies feature built in short circuit protection with auto reset. Also featured is a SPNO contact output rated 1 Amp/30VDC max which closes as a confirmation that a DC output is present (not FOX.PSU-3 020/xx). The power supplies also have a pair of common output terminals (not FOX.PSU-3 020/xx).

TECHNICAL SPECIFICATIONS

Input

Primary voltage: 85-264VAC & 120-370VDC
Frequency range: 47-63Hz

Output

Indication: Via green LED
Voltage adjustment: Via potentiometer, see ordering information
Voltage tolerance: ±1% max with 0-100% load
Ripple: 12VDC output ≤120mV
 24VDC output ≤150mV
Start up time: FOX.PSU-3 020/xx Max 1 Sec
 FOX.PSU-3 060/xx Max 0.5 Sec
 FOX.PSU-3 100/xx Max 3 Secs
Output confirmation: Via SPNO contact, max 1 Amp/30VDC (not types FOX.PSU-3 020/xx)

General

Operating temperature: -20°C to +70°C (FOX.PSU-3 100/xx +60°C)
Storage temperature: -40°C to +85°C
Operating humidity: 20-90%RH
CE marked: Yes
RoHS compliant: Yes

ORDERING INFORMATION

TYPE	OUTPUT	OUTPUT ADJUSTMENT
FOX.PSU-3 020/12VDC	12VDC / 1.67 Amps	10.8 - 13.2V
FOX.PSU-3 060/12VDC	12VDC / 5 Amps	12 - 15V
FOX.PSU-3 100/12VDC	12VDC / 7.5 Amps	12 - 15V
FOX.PSU-3 020/24VDC	24VDC / 1 Amp	21.6 - 26.4V
FOX.PSU-3 060/24VDC	24VDC / 2.5 Amps	24 - 30V
FOX.PSU-3 100/24VDC	24VDC / 4 Amps	24 - 30V

DIMENSIONS & CONNECTIONS

