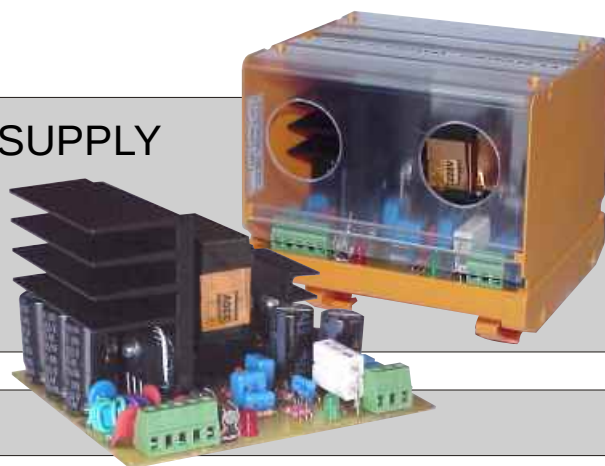


BATTERY CHARGER AND POWER SUPPLY

FCTOP24V5A FCTOP12V8A



SPECIFICATIONS

Supply voltages available

230 Vac $\pm 20\%$ from 45 to 65 Hz
110 Vdc (88 to 150Vdc)

Output voltage

FCTOP24V5A: 24 - 28 Vdc adjustable by preset.
FCTOP12V8A: 11 - 15 Vdc adjustable by preset.
Ripple max: 100 mV pp

Output current:

FCTOP24V5A: 5 A
FCTOP12V8A: 8 A
- Input voltage regulation, better than 0.1 %
- Load regulation, better than 0.5 %

Protections

Input fuse
Electronic current limitation:
FCTOP24V5A: 5 A $\pm 5\%$
FCTOP12V8A: 8 A $\pm 5\%$
Thermal protection
Inverted supply polarity

Signalling

Input red LED
Output green LED

Environment conditions

Air temperature: 0 to 45°
Relative humidity: 100 % non condensing

Dimensions

120 x 110 x 120 mm

Weight

650 g

FUNCTION

Conversion of the input voltage to DC voltage of 24 Vdc @ 5 A or 12 Vdc @ 8 A

APPLICATIONS

Power supply for PLC's and other electrical equipment.
Power supply for communications equipment.
Battery charger

PRESENTATION

DIN rail box for panel interior.
Internal terminals accessible removing the cover.

INTERNAL OPERATION

DC/DC isolated flyback type, implemented with MOSFET and controlled by 132 kHz PWM.

OPTIONAL

Other power supply voltages, output voltages
Aluminium enclosure with pluggable connectors.

