

Linear controlled power supplies.

4 variants, from 24 VDC / 2,5 A to 24 VDC / 10 A.

Short-circuit and overload protected.

Aluminum base-plate.

Max. ripple 3,5 mV RMS.

LED indication

Made in accordance with the CE and EMC regulations



Functional description:

The power supplies, series SF, are linear controlled units with 24 VDC output.

4 Variants are available, with either 2.5 A, 5 A, 7.5 A or 10 A output.

The units are supplied for 230 VAC supply, 1 variant is also available for 24 VAC supply.

The units are supplied with an LED indication of the output voltage, and the output is electronically protected against short-circuit and overload.

If a unit "shuts down" because of an overload, the supply voltage must be disconnected for at least 5 seconds, before it is connected again.

A special protection circuit ensures, that the unit can deliver a short-term overcurrent up to 160% of the nominal maximum current. In order to use this possibility, the normal load current should not exceed 80% of the nominal maximum current.

Technical data:

Supply voltage:	See table below
Supply frequency:	48 - 70 Hz
Operation temperature:	-20°C to +55°C
Isolation voltage:	Supply - output: 4 kV EN 60950, class II
Humidity:	0-90% RH, non-condensing.
Ripple/noise:	Max. 3,5 mV RMS.

EMC og safety regulations.

Emmision:	EN 50 081 - 1
Immunity:	EN 50 082 - 2
Safety:	EN 60 730

Approvals: The units are produced in accordance with the CE og low voltage regulations.

Type number	Supply	Output voltage	Mech. dimensions	Weight
SF 2,5A-230	230 VAC	24 VDC, max 2,5 A	130 x 75 x 105 mm	1,8 kg
SF 5A-024	24 VAC	24 VDC, max 5 A	150 x 115 x 70 mm	0,6 kg
SF 5A-230	230 VAC	24 VDC, max 5 A	140 x 90 x 130 mm	3,0 kg
SF 7,5A-230	230 VAC	24 VDC, max 7,5 A	160 x 130 x 150 mm	4,4 kg
SF 10B-230	230 VAC	24 VDC, max 10 A	160 x 130 x 150 mm	4,5 kg