

Switch-mode supply.

Output 24 VDC, max 1 A. or 12 VDC, max 2 A.

Short-circuit and over-load protected.

Supply voltage 198 - 264 VAC.

DIN-rail mounting.

Made in accordance with the CE and EMC regulations



Functional description:

The RS21/RS22 is a switch-mode regulated power supply with either 24 VDC-1 A or 12 VDC-2 A output.

The unit can be connected to any mains voltage between 190 and 264 VAC.

The unit is supplied with an LED indication of output voltage, and the output is electronic short-circuit and overload protected.

The unit is available for either DIN-rail mounting. It is possible to order the unit with one or two power supplies, the type numbers are RS21D or RS22D, respectively.

If wanted, the outputs can be connected in parallel, in order to increase the max. output power proportionally.

Technical data:

Supply voltage:	198 - 264 VAC
Supply frequency:	40 - 70 Hz
Operating temp.:	-20°C to +55°C
Isolation voltage:	Supply - output: 4 kV EN 60950, class II
Humidity:	0-90% RH, non-condensing.
Indications:	
Green LED:	Output voltage OK
Output:	12 VDC +/- 0,5 V, max 2 A or 24 VDC +/- 0,5 V, max. 1 A.
Ripple/noise:	Max. 30 mVpp.
Terminals (only D):	Max. 4 mm ²

EMC and safety regulations:

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

Approvals:

The modules are produced in accordance with CE and high voltage regulations.

Materials: Housing: Noryl SE-1

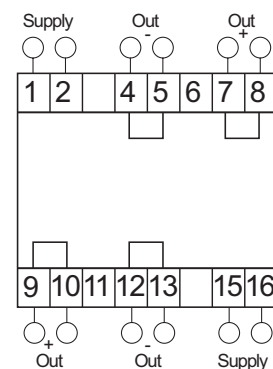
Weight:

RS21D:	Typ. 100 g.
RS22D:	Typ. 180 g.

Connection diagrams:

Type D

Note:
Connections 9-16,
only for type
RS22D



Mechanical dimensions:

h x w x d: RS21D/RS22D: 70 x 45 x 117 mm

Ordering guide: RS21D-yyy-zz
or RS22D-yyy-zz

yyy = Supply: 230 = 198-264 VAC

zz = output: 12 = 12 VDC
24 = 24 VDC