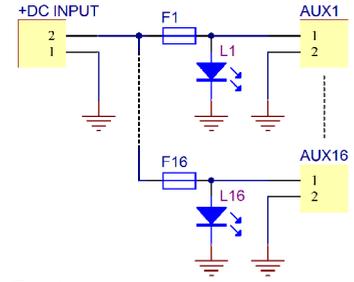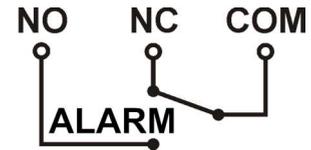# RACK fuse strip

Pulsar ®

CODE: **RLB16** v.1.0/I
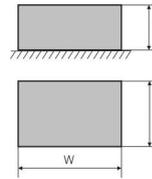NAME: **RACK 16x1A fuse strip**

Electrical diagram.

Electrical diagram of the relay output.

CE

DESCRIPTION

The **RLB16** fuse strip is designed for power distribution in low-voltage systems requiring voltage in the range **10V ÷ 56V DC** (e.g. RACK uninterruptible power supply of the ROUPS series, etc.). It is fitted with the DC INPUT for power supply and 16 independently protected outputs AUX1 ÷ AUX16. Each AUX output is equipped with short-circuit protection (SCP), in the form of a F 1A fuse. Output state is indicated by L1 ÷ L16 LEDs. Fuse failure is indicated by switching off the appropriate LED: L1 for AUX1, etc. Additionally, in the case of failure, the **ALARM** relay output and the **ALARM** LED are activated. The **ALARM** output can be used for remote control of the module, e.g. external optical indication. The fuse strip is located in an enclosure adapted for mounting in **RACK** standard 19" cabinets.

SPECIFICATIONS

Supply voltage	10V÷ 56V DC (-2%/+2%)
Output voltage	$U_{AUX} = U_{IN}$ (equal to supply voltage)
Current consumption	30mA÷ 75mA @ Uin=10 ÷ 30V DC
Number of power inputs	1 (DC INPUT terminals) – cable **4 mm^2** max. The set includes 2.5mm^2,15cm power cords
Number of power outputs	16 (AUX terminals) –**2,5mm^2** max. cable
Protections against: **- a short circuit SCP** **- an overload OLP**	- 16 x F 1A glass fuse - 16 x F 1A glass fuse
Technical output of failure ALARM	relay type: 1A@ 30VDC/50VAC
LED indication	- Green LEDs **L1 ÷ L16** – outputs status AUX1÷AUX16 - red LED **ALARM** indicates failure
F1 ÷ F16 fuses	F 1A
Operating conditions	2nd environmental class, -10°C ÷ 45°C
Dimensions	W=19", H=2U; 482 x 88 x 74 mm (WxHxD)
Fixing	four-point fixing on the front RACK rails - 4 M6 screws with cage nuts included
Connectors: **- of power input** **- of power output** **- technical output**	Φ0,51÷2,05 (AWG 24-10) 0,2 ÷ 4mm^2 Φ0,51÷2,05 (AWG 24-12) 0,5 ÷ 2,5mm^2 Φ0,51÷2,05 (AWG 24-12) 0,5 ÷ 2,5mm^2
Net/gross weight	2,1kg / 2,3kg
Declarations, warranty	CE, 2 year from the production date