



RB-524-DIN Universal power relay for DIN rail

The RB-524-DIN is designed for installation in electrical switchboards on a DIN rail. It serves for switching electrical appliances at 250 V/16 A.

○ [Declaration of conformity - RB-524-DIN \(PDF 316.1 kB\)](#)

Description

It provides the galvanically separated switching contact of an output relay which complies with the requirements of safety isolation up to 4kV. The input is designed for a control voltage in the range 5 – 24V.

Technical specifications

Operational voltage range

from 5 to 24 V DC

Standby current

5 V - 80 mA, 12 V - 40 mA, 24 V - 25 mA

Relay contact rating

(galvanically separated from control terminals)

protection class II

- maximum switching voltage

250 V AC/24 V DC

- resistive load ($\cos\phi=1$)

max. 16 A

- inductive, capacitive load ($\cos\phi=0,4$)

max. 8 A

- halogen lights

max. 1000 W

- DC

384 W

- minimum acceptable relay output through-wattage (DC)

0.5 W

Cross section of connecting wires

max. 2 x 1,5 mm²

max. 1 x 2,5 mm²

Dimensions, weight

18 x 90 x 65 mm, 50 g

Operational environment

indoor general

Operational temperature environment

-10 °C to + 40 °C

IP covering

IP-20

Also complies with

EN 50130-4, EN 55022, EN 60950-1
DIN rail EN60715