



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 250V / 16A.

○ [Declaration of conformity - RB-524-DIN \(PDF 316,1 kB\)](#)

Kuvas

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.

Tekniset tiedot

Operational voltage range

from 5 to 24 V DC

Standby current

5V-80 mA, 12V-40 mA, 24V-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 to + 40 °C

IP covering

IP-20

Also complies with

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