Universal power relay for DIN rail

Code: RB-524-DIN

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.



Product 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 information:

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?=1)	max. 16 A
- inductive, capacitive load (cos?=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 mm^2 max. 1 x 2,5 mm^2
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