

Snap-Line Power Relay

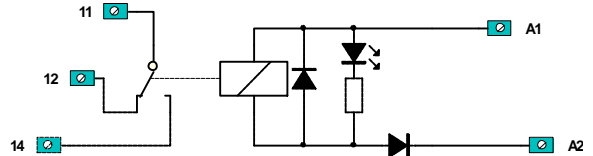
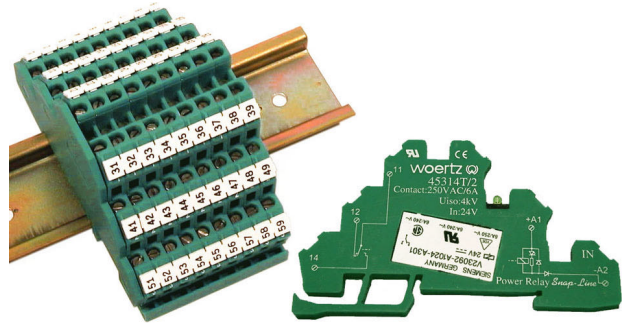
DC or AC coil input, contact 6A/250VAC

Features

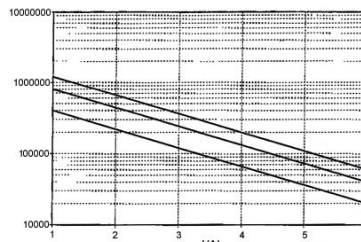
- Power relay with one changeover (type C) contact, in terminal housing, 5.08mm wide
- LED indicating on state
- For many applications where isolation, minimum space and high power switching are required
- Available for all common industrial voltages

Accessories

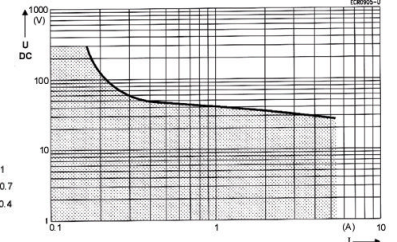
- 30407T End barrier (necessary for proper isolation)
- 30403 Compatible 3-level terminal
- 30413RO Cross connection 20-pole red
- 30413BL Cross connection 20-pole blue
- 30790 Cross connection 10-pole grey
- 30409/x Cross connection with screws x = 2, 3, 4, 5, 10 poles
- 30411, 12 Isolation strip red, blue
- 80247, 48 Test plug red, black
- 30455/55xx Labels for custom use RB5x5



(The AC version has a rectifier instead of the diode)



** Electrical contact life (AC load)



*** Load characteristics for DC

Technical data (Ta = 25°C)

Contacts

Max. switching voltage
 Max. switching current (I_{max})
 Max. breaking capacity
 Max. contact resistance
 Min. load
 Mechanical contact life
 Electrical contact life

250 VAC
 6 A AC * ***
 1500VA ***
 100 mΩ (1A)
 0.1A / 12V
 5 x 10⁶ switching cycles
 **

Coil

Operating voltage tolerance for UN<100V
 Operating voltage tolerance for UN>100V
 Control power at DC operating voltage (UN)
 Control power at AC operating voltage (UN)

± 20%
 ± 10%
 5-48VDC: 0.2W, 110VDC: 0.5W
 24-48VAC: 0.25VA, 115-230VAC: 0.6VA

General data

Pickup time / dropout time (DC-Version)
 Input / output dielectric strength
 Input / output creepage distance
 Operating temperature range
 Wire cross section
 Max. torque
 Size L x B x H (from rail)

5 / 6 ms
 4 kV
 8 mm
 -40°C to +45°C
 2.5mm² (AWG24-14)
 0.4 Nm
 5.08 x 86.5 x 44 mm

UN

5 VDC
 12 VDC
 24 VDC
 48 VDC
 110 VDC
 24 V AC (50-60Hz)/DC
 48 V AC (50-60Hz)/DC
 115 V AC (50-60Hz)/DC
 230 V AC (50-60Hz)/DC

Order numbers

45314T/7
 45314T/1
 45314T/2
 45314T/3
 45314T/9
 45329T/12
 45329T/13
 45329T/15
 45329T/14

For protection against accidental contact, an end barrier (3047T) should be placed at the end of a snap-Line block

* If closely stacked and continuously operated, the rated current should not exceed 5A