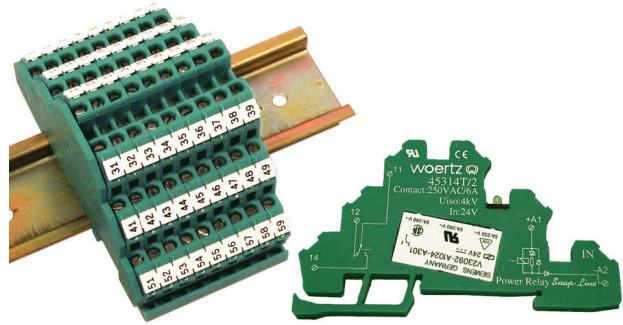


# Snap-Line Power Relay

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

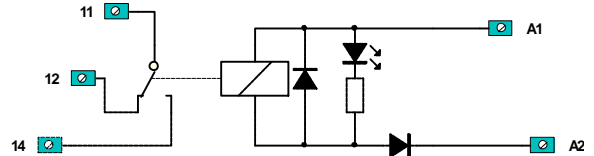


## Features

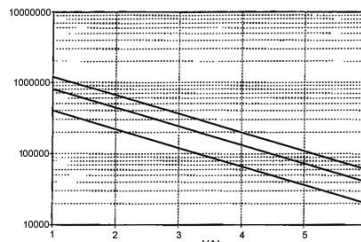
- Power relay with one changeover (type C) contact, in terminal housing, 5.08mm wide
- LED indicating on state
- For many applications where isolation, minimum space and high power switching are required
- Available for all common industrial voltages

## Accessories

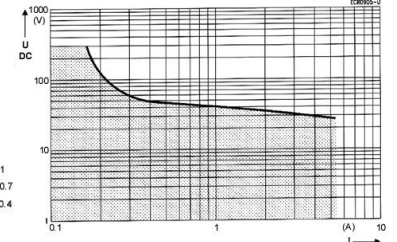
- 30407T End barrier (necessary for proper isolation)
- 30403 Compatible 3-level terminal
- 30413RO Cross connection 20-pole red
- 30413BL Cross connection 20-pole blue
- 30790 Cross connection 10-pole grey
- 30409/x Cross connection with screws x = 2, 3, 4, 5, 10 poles
- 30411, 12 Isolation strip red, 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 10<sup>6</sup> 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  
 2.5mm<sup>2</sup> (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