



relay RCI314AC4 (8870100000)

URL:<https://www.sxplc.com/relay-rci314ac4-8870100000>

Product data sheet

Depth 25.6 mm Depth (inches) 1.008 inch

Height 29 mm Height (inches) 1.142 inch

Width 13 mm Width (inches) 0.512 inch

Net weight 16.7 g

Temperatures

Storage temperature -40 °C...85 °C Operating temperature -40 °C...70 °C

Humidity 40 °C / 93 % rel. humidity,

no condensation

Rated data UL

Control side

Rated control voltage 24 V DC Rated current DC 17.5 mA

Power rating 419 mW Coil resistance $1440 \Omega \pm 10 \%$

Coil tolerance 10 % Status indicator Green LED

Protective circuit Free-wheeling diode

Load side

Rated switching voltage 240 V AC Continuous current 16 A

Max. switching frequency at rated load 0.1 Hz Max. switching voltage, AC 250 V

Inrush current 30 A / 4 s AC switching capacity (resistive), max. 4000 VA

DC switching capacity (resistive), max. 384 W @ 24 V Switch-on delay ≤ 8 ms

Switch-off delay ≤ 6 ms Contact type 1 CO contact (AgNi)

Mechanical service life AC coil 5×10^6

switching

cycles, DC coil 10×10^6

switching cycles

Min. switching power

1 mA @ 24 V, 10 mA @ 12

V, 100 mA @ 5 V

General data

Test button available No Mechanical switch position indicator No

Colour Transparent UL 94 flammability rating V-2

Insulation coordination

Rated voltage 250 V Pollution severity 2

Surge voltage category III Insulating material group IIIa

Clearance and creepage distances for

control side - load side ≥ 8 mm

Dielectric strength for control side - load

side 5 kVeff / 1min

Dielectric strength of open contact 1 kVeff / 1 min Impulse withstand voltage 5 kV (1.2/50 μ s)

Wire connection method Plug-in connection Pitch in mm (P) 5 mm

