

CRINT-R31/DC110V
1 pole | Changeover contact, dual terminal



Table with 2 columns: Parameter and Value. Main circuit section includes Available contact materials (AgSnO2), Recommended minimum contact load (100 mA / 12 V), Maximum contact load AC (16A / 250 V AC-1), Maximum contact load DC (16A / 24 V DC-1), Rated current (16 A), Rated load AC (4 000 VA), Rated load DC (fig. 3), Rated current (16 A), Mechanical endurance (cycles) (≥ 10 000 000), and Electrical endurance at rated load AC-1 (cycles) (≥ 50 000).

Table with 2 columns: Parameter and Value. Control circuit section includes Operating voltage range (0.7 UN ... 1.25 UN), Pick-up voltage (≤ 0.7 UN), Release voltage (≥ 0.1 UN), and Power consumption DC (0.4 W).

Table with 2 columns: Parameter and Value. Insulation section includes Test voltage open contact (1 kV / 1min), Test voltage contact / coil (5 kV / 1 min), and Insulation resistance at 500 V (≥ 1 GΩ).

Table with 2 columns: Parameter and Value. General data section includes Storage temperature (no ice) (-40...85 °C), Operation temperature (-40...85 °C), Pick-up time (≤ 15 ms), Release time (≤ 8 ms), Dimensions (fig. 4), and Weight (12 g).

Table with 3 columns: Description, Type, and a checkmark column. Product references section includes DC (CRINT-R31/DC...V) with a checkmark.



fig. 1. Wiring diagram

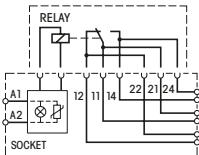


fig. 2. AC voltage endurance

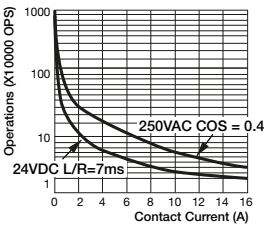


fig. 3. DC load limit curve

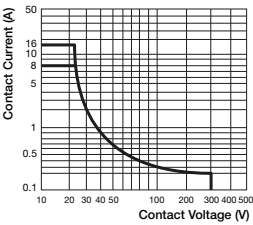
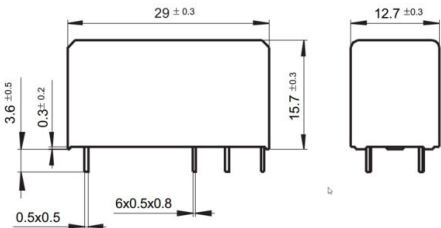


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 61810
Approvals CE UK c RU us EAC