

CRINT-R31/DC24V

1 pole | changeover contact, dual terminal



Main circuit

Available contact materials	⚡ AgSnO ₂
Maximum contact load AC	16A / 250 V
Maximum contact load DC	16A / 22 V
Rated load AC	4 000 VA
Rated load DC	fig. 3
Rated current	16 A
Mechanical endurance (cycles)	≥ 10 000 000
Electrical endurance at rated load AC-1 (cycles)	≥ 10 000

Control circuit

Operating voltage range	0.7 U _N ... 1.25 U _N
Pick-up voltage	≤ 0.7 U _N
Release voltage	≥ 0.1 U _N
Power consumption DC	0.4 W

Insulation

Test voltage open contact	1 kV / 1 min
Test voltage contact / coil	5 kV / 1 min
Insulation resistance at 500 V	≥ 1 GΩ

General data

Storage temperature (no ice)	-40...85 °C
Operation temperature	-40...85 °C
Pick-up time	≤ 15 ms
Release time	≤ 8 ms
Weight	12 g

Product references

Description	Type	24
DC	CRINT-R31/DC...V	✓

«...» List control voltage to complete product references



fig. 1. Wiring diagram

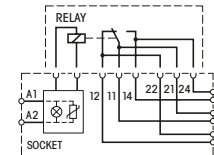


fig. 2. AC voltage endurance

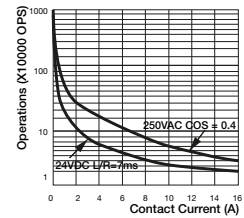


fig. 3. DC load limit curve

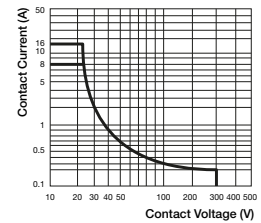
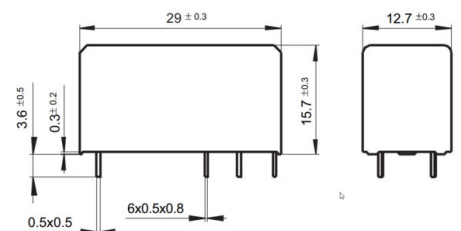


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 61810

Approvals