

CRINT-C132R/UC24V

1 pole | Changeover contact



Main circuit	
Available contact materials	AgSnO ₂ + Au
Recommended minimum contact load	10 mA / 5 V
Maximum contact load AC	6A / 250 V AC-1
Maximum contact load DC	6A / 30 V DC-1
Inrush current	15 A, 2.5 ms
Rated load AC	1 500 VA
Rated load DC	fig. 3.
Rated current	6 A
Mechanical endurance (cycles)	≥ 1 000 000
Electrical endurance at rated load AC-1 (cycles)	≥ 10 000

Control circuit	
Nominal voltage	see table product references
Operating voltage range	0.8 U _N ... 1.25 U _N
Pick-up voltage	≤ 0.8 U _N
Release voltage	≥ 0.1 U _N
Power consumption AC / DC	0.9 VA / 0.4 W

Insulation	
Test voltage open contact	1 kV / 1 min
Test voltage contact / coil	4 kV / 1 min
Overvoltage category	III
Pollution degree	3

General data	
Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-40 ... 70 °C (-40 ... 55 °C for control voltage > 60 V)
Pick-up time / bounce time	7 ms / ≤ 8 ms
Release time / bounce time	15 ms / ≤ 4 ms
Conductor cross section cage clamp	0.75 ... 2.5 mm ²
Conductor cross section control / main circuit	Push-in terminal
- Single wire	0.34 mm ² / AWG 22 ... 2.5 mm ² / AWG 14
- Multi wire (un-crimped)	0.34 mm ² / AWG 22 ... 2.5 mm ² / AWG 14
- Multi wire (crimped)	0.34 mm ² / AWG 22 ... 1.5 mm ² / AWG 16
Ingress Protection	IP 20
Mounting	TH35 (EN 60715)
Dimensions	fig. 4.
Weight	30 g
Housing material	PA

Product references		
Description	Type	24
Push-in	CRINT-C132R/UC...V	✓
«...» List control voltage to complete product references		

Accessories	
Potential bridge bar	CRINT-BR20-BU (BAG 5 PCS), CRINT-BR20-RD (BAG 5 PCS), CRINT-BR20-BK (BAG 5 PCS)
Label plate	CRINT-LAB (BAG 4X16 PCS)
Marking strip	BS11-PI (50m tape)

Replacement relays		
Description	Type	24
DC	CRINT-R12/DC...V	✓
«...» List control voltage to complete product references		



fig. 1. Wiring diagram

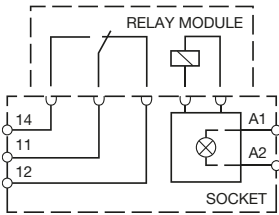


fig. 2. AC voltage endurance

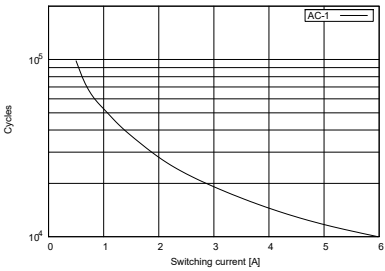


fig. 3. DC load limit curve

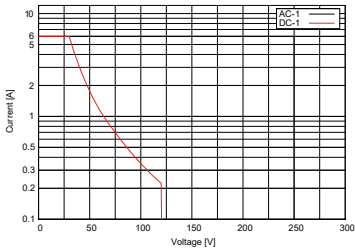
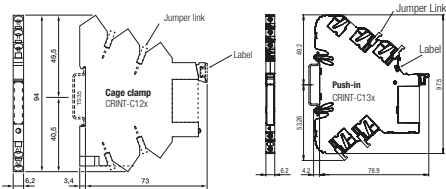


fig. 4. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 61810-1; EN 60664-1

Railway EN 50155; EN 45545-2

Approvals