

CRINT-C131R/DC24-110V

1 pole | Changeover contact



Main circuit

Available contact materials	AgSnO ₂
Recommended minimum contact load	100 mA / 5 V
Maximum contact load AC	6 A / 250 V AC-1
Maximum contact load DC	6 A / 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	16.8 ... 154 V
Pick-up voltage	≤ 16.8 V
Release voltage	≥ 7.2 V
Power consumption AC / DC	- / 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
Pick-up time	≤ 20 ms
Release time	≤ 25 ms
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	24-110
Push-in	CRINT-C131R/DC...V	✓
«...» List control voltage to complete product references		

Accessories

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

Replacement relays

Description	Type	12
DC	CRINT-R11/DC...V	✓
«...» List control voltage to complete product references		



fig. 1. Wiring diagram

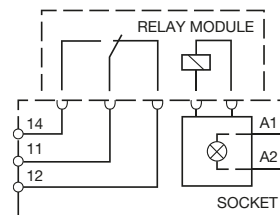


fig. 2. AC voltage endurance

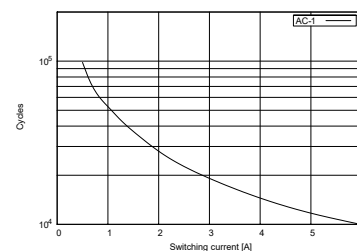


fig. 3. DC load limit curve

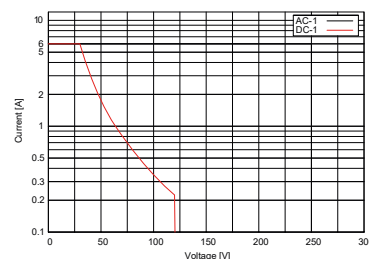
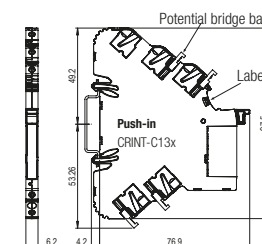


fig. 4. Dimensions (mm)



Technical approvals, conformities

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

Railway EN 50155; EN 45545-2

Approvals