

CRINT-C331/UC220-240V

1 pole | Changeover contact



Main circuit

Available contact materials	⚡ AgSnO ₂
Recommended minimum contact load	100 mA / 12 V
Maximum contact load AC	16 A / 250 V AC-1
Maximum contact load DC	16 A / 22 V DC-1
Inrush current	15 A, 2.5 ms
Rated load AC	4 000 VA
Rated load DC	fig. 3
Mechanical endurance (cycles)	≥ 10 000 000
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	5 kV / 1 min
Overvoltage category	III
Insulation resistance at 500 V	≥ 1 GΩ
Pollution degree	3

General data

Storage temperature (no ice)	-40 ... 85 °C
Operation temperature	-40 ... 55 °C
Pick-up time	≤ 15 ms
Release time	≤ 8 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
Mounting	TH35 (EN 60715)
Weight	59 g
Housing material	PA

Product references

Description	Type	220-240
Push-in	CRINT-C331/UC...V	✓
«...» List control voltage to complete product references		

Optional Accessories

Bridgebar	BB-02001-BU (BAG 5 PCS), BB-02001-RD (BAG 5 PCS), BB-02001-BK (BAG 5 PCS)
Marking strip	BS11-PI (50m tape)

If the device is operated with a duty-cycle >50% at 55°C operating temperature and at maximum current (16 A), an air gap of 5 mm between devices is required. The maximum on-time under these conditions is 14 minutes.

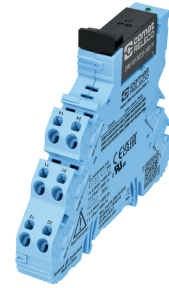
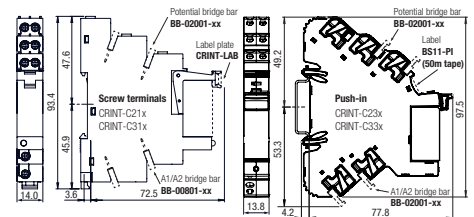


fig. 1. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 61810-1

Approvals