

CRINT-C233/UC220-240V
2 pole | Changeover contact



Main circuit
Available contact materials: AgNi
Recommended minimum contact load: 100 mA / 12 V
Maximum contact load AC: 8 A / 250 V AC-1
Maximum contact load DC: 8 A / 30 V DC-1
Inrush current: 15 A, 2.5 ms
Rated load AC: 2 000 VA
Rated load DC: fig. 3
Rated current: 8 A
Mechanical endurance (cycles): ≥ 10 000 000
Electrical endurance at rated load AC-1 (cycles): ≥ 50 000

Control circuit
Nominal voltage: see table product references
Operating voltage range: 0.8 UN ... 1.25 UN
Pick-up voltage: ≤ 0.8 UN
Release voltage: ≥ 0.1 UN
Power consumption AC / DC: 1 VA / 0.5 W

Insulation
Test voltage open contact: 1 kV / 1 min
Test voltage contact / coil: 5 kV / 1 min
Overvoltage category: III
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 mm² / AWG 22 ... 2.5 mm² / AWG 14
- Multi wire (un-crimped): 0.34 mm² / AWG 22 ... 2.5 mm² / AWG 14
- Multi wire (crimped): 0.34 mm² / AWG 22 ... 1.5 mm² / AWG 16
Ingress Protection: IP 20
Mounting: TH35 (EN 60715)
Weight: 59 g
Housing material: PA

Product references
Table with 3 columns: Description, Type, 220-240
Includes Push-in CRINT-C233/UC...V with a checkmark.

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

Replacement relays
Table with 3 columns: Description, Type, 110
Includes DC CRINT-R23/DC...V with a checkmark.

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.

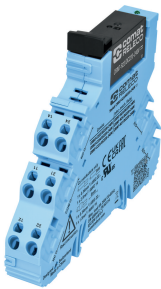
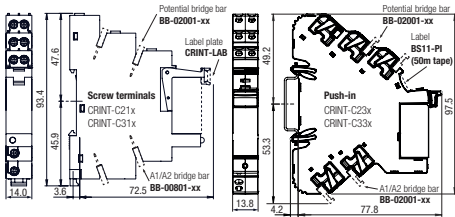


fig. 1. Dimensions (mm)



Technical approvals, conformities

Standards IEC/EN 61810-1
Approvals CE UK CA c RU us EAC