

1 pole | Normally open solid state AC



Output type



● TRIAC

Type	Synchronized zero
Output voltage range	48 ... 280 V AC
Recommended minimum contact load	100 mA
Residual current	1.5 mA
Maximum voltage drop	1.2 V AC
Rated current	2 A
Inrush current	80 A, 10 ms
Rated load AC	fig. 2.

Nominal voltage	see table product references
Operating voltage range	0.8 ... 1.2 U _N
Pick-up voltage	≤ 0.8 U _N
Release voltage	≤ 0.25 U _N
Power consumption DC	150 mW

Test voltage open contact	1 kV / 1 min
Test voltage contact / coil	2.5 kV / 1 min
Overvoltage category	III
Pollution degree	3

Storage temperature (no ice)	-30 ... 85 °C
Operation temperature	-30 ... 70 °C
Pick-up time	1/2 Cycle +1 ms
Release time	1/2 Cycle +1 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. 3.
Weight	30 g
Housing material	PA

Description	Type	110-125
Push-in	CRINT-C138R/DC...V	✓
«...» List control voltage to complete product references		

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)

Description	Type	60
DC	CRINT-R18/DC...V	✓
«...» List control voltage to complete product references		
60 V relay used for all sockets with a minimum nominal voltage higher or equal 60 V		

Ambient Temperature (°C)	Load Current (A)
-30	2.0
-20	2.0
0	2.0
20	2.0
40	1.5
60	1.0
80	0.5
100	0.0

[illegible]

Standards EN 62314; EN 60664-1

Railway EN 50155; EN 45545-2

Approvals

Approvals     