

CRINT-C138R/DC24V
1 pole | Normally open solid state AC



Table with 2 columns: Parameter and Value. Main circuit section includes 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), and Rated load AC (fig. 2).

Table with 2 columns: Parameter and Value. Control circuit section includes Nominal voltage (see table product references), Operating voltage range (0.8 ... 1.2 UN), Pick-up voltage (≤ 0.8 UN), Release voltage (≤ 0.25 UN), and Power consumption DC (150 mW).

Table with 2 columns: Parameter and Value. Insulation section includes Test voltage open contact (1 kV / 1 min), Test voltage contact / coil (2.5 kV / 1 min), Overvoltage category (III), and Pollution degree (3).

Table with 2 columns: Parameter and Value. General data section includes 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 mm²), 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)), Dimensions (fig. 3), Weight (30 g), and Housing material (PA).

Table with 3 columns: Description, Type, and a reference number (24). Product references section includes Push-in (CRINT-C138R/DC...V) with a checkmark.

Table with 2 columns: Parameter and Value. Accessories section includes Potential bridge bar (CRINT-BR20-BU, CRINT-BR20-RD, CRINT-BR20-BK), Label plate (CRINT-LAB), and Marking strip (BS11-PI).

Table with 3 columns: Description, Type, and a reference number (24). Replacement relays section includes DC (CRINT-R18/DC...V) with a checkmark.



fig. 1. Wiring diagram

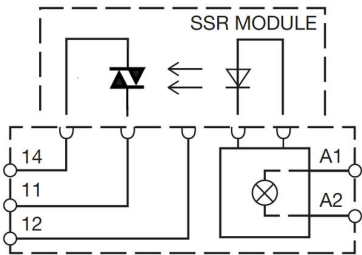


fig. 2. AC derating curve

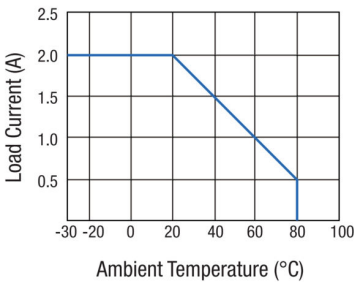
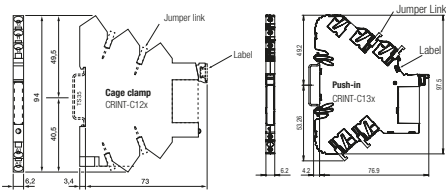


fig. 3. Dimensions (mm)



Technical approvals, conformities

Standards EN 62314; EN 60664-1
Railway EN 50155; EN 45545-2
Approvals CE UK CA c UL us EAC