

CRINT 1x1 series

Interface module with mechanical CO output contact

DIN Rail mounting



Types: CRINT-C111, CRINT-C121 / ...V

For PLC's and process control. High power contact AgSnO₂.
With screw terminals (CRINT-S11) or cage clamp terminals (CRINT-S12).
Recommended max. load 250 V 6 A resistive.

Max. contact load **6 A, 250 V AC-1** **6 A, 30 V DC-1**

Contact

Type	1 CO
Material	AgSnO ₂
Switching current _{TH}	6 A 250 V AC
Recommended minimal load	100 mA / 12 V
Switching power DC-1 30 V	180 W
Switching power AC-1 230 V	1500 VA
Switching power AC-15 230 V	300 VA
Peak inrush current	15 A/2.5 ms

Coil

Operation voltage AC 50/60 Hz / DC	0.8 ... 1.25 U _N
Nominal power DC/AC	408 / 900 mW

Insulation

Test voltage I / O	6 kVrms 1 minute
Pollution degree	3
Over voltage category	III
Open contact	1000 Vrms dielectric strength 1 min
Standard	EN61810-5

General Specifications

Ambient temperature: operation / storage	-40 ... +70 °C / -40 ... +85 °C
Typical response time @ V _n	7 ms
Typical release time @ V _n	15 ms
Switching cycles: mech./elec.	10 x 10 ⁶ / 3 x 10 ⁴
Cond. cross section screw terminal	2.5 mm ²
Cond. cross section spring cage	0.75 ... 2.5 mm ²
Ingress protection	IP 20
Mounting position	any
Housing material	Polyamide PA6

Order information

Screw terminal:	CRINT-C111/UC...V	UC12V UC24V UC48V UC60V UC110-125V UC220-240V
Cage clamp terminal:	CRINT-C121/UC...V	
„...“ enter the voltage for full type designation		

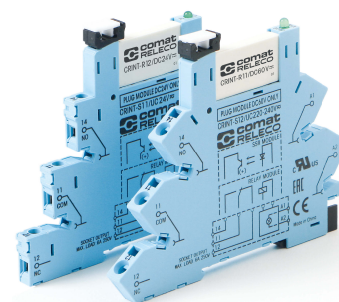
Accessories

Jumper link (5 pcs):	blue: CRINT-BR20-BU/5 red: CRINT-BR20-RD/5 black: CRINT-BR20-BK/5
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Label plate (64 pcs):	CRINT-LAB/64
Spacer (5 pcs):	CRINT-SEP/5

Replacement relays:	DC12V DC24V DC48V DC60V*
„...“ enter the voltage for full type designation	

*60V Relay used for all sockets with a nominal voltage higher or equal 60V



Connection diagram

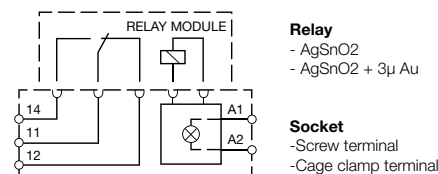


Fig.1 AC voltage endurance

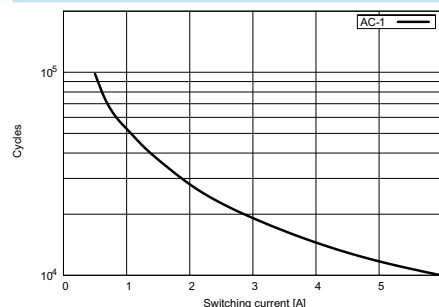
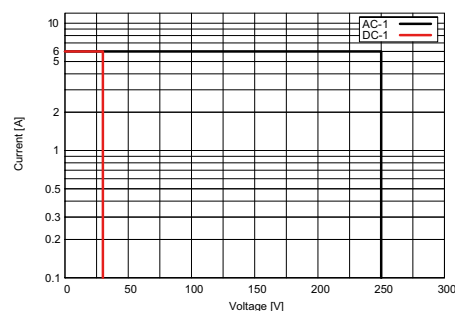


Fig. 2 DC load limit curve



Dimensions p.32

Technical approvals, conformities

