

CRINT 1x2 series

Interface module with mechanical CO output contact

DIN Rail mounting

Types: CRINT-C112, CRINT-C122 / ...V

Specially for PLC, process controls with DC currents. Contact $\text{AgSnO}_2 + 3\mu\text{Au}$. For low power application. With screw terminals (CRINT-S11) or cage clamp terminals (CRINT-S12). No external freewheeling circuit required.

Max. contact load	6 A, 250 V AC-1	6 A, 30 V DC-1
Contact		
Type	1 CO	
Material	$\text{AgSnO}_2 + 3\mu\text{Au}$	
Switching current I_{TH}	6 A 250 V AC	
Recommended minimal load	10 mA / 6 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	

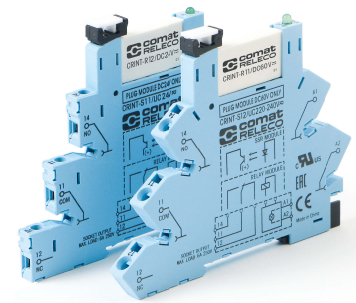
General Specifications		
Ambient temperature: operation / storage	-40 ... +70 °C / -40 ... +85 °C	
Typical response time @ V_n	7 ms	
Typical release time @ V_n	15 ms	
Switching cycles: mech./elec.	10 x 10 ⁶ / 3 x 10 ⁴	
Cond. cross section screw terminal	2.5 mm ²	
Cond. cross section spring cage	0.75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

Order information		
Screw terminal:	CRINT-C112/UC...V	UC12V UC24V UC48V UC60V UC110-125V UC220-240V
Cage clamp terminal:	CRINT-C122/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	
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

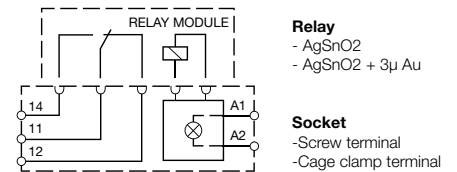


Fig.1 AC voltage endurance

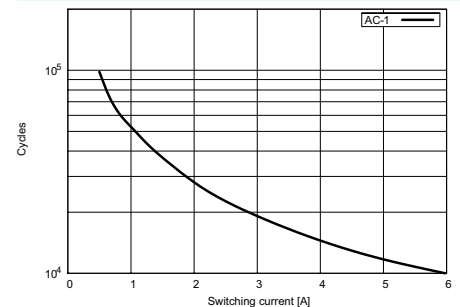
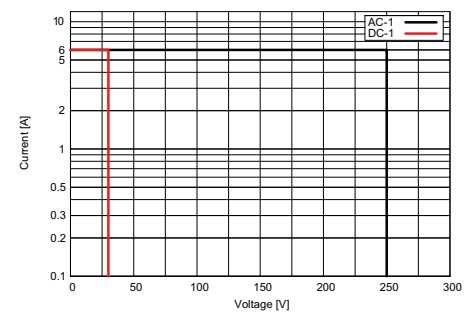


Fig. 2 DC load limit curve



Dimensions p.32

Technical approvals, conformities

