

CRINT 1x5 series

Solid state interface module with NO output contact

DIN Rail mounting

Types: CRINT-C115, CRINT-C125 / ...V

For PLC's and process control. DC solid state switch, type NO.

For fast and high frequent switching. With screw terminals (CRINT-S11) or cage clamp terminals (CRINT-S12).

Max. contact load **2 A, 24 V DC-1**

Contact

Type	1 NO (Solid state DC)
Material	MOSFET
Switching current _{TH}	2 A 24 V DC
Recommended minimal load	20 mA / 5 V
Peak inrush current	48 A/10 ms

Coil

Operation voltage AC 50/60 Hz / DC	0.8 ... 1.25 U _N
Nominal power DC / AC	160 / — mW

Insulation

Test voltage I / O	2.5 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	-30 ... +70 °C / -40 ... +85 °C
Typical response time @ V _n	1 ms
Typical release time @ V _n	1 ms
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-C115/UC...V	UC12V UC24V UC48V UC60V UC110-125V UC220-240V
Cage clamp terminal:	CRINT-C125/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

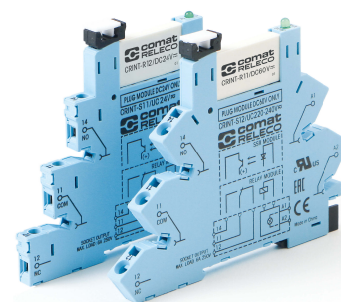
Replacement relays:

CRINT-R15/DC...V

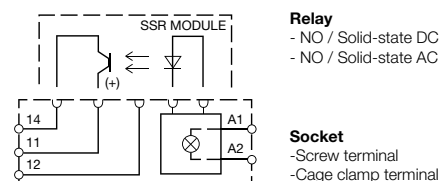
„ ...“ enter the voltage for full type designation

DC12V
DC24V
DC48V
DC60V*

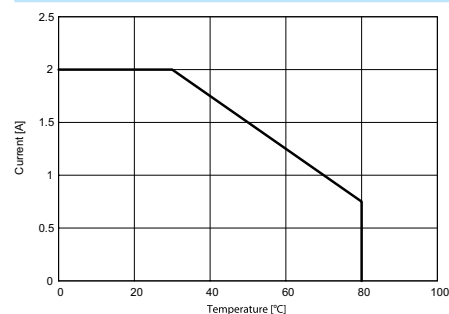
*60V Relay used for all sockets with a nominal voltage higher or equal 60V



Connection diagram



Output derating curve



Dimensions p.32

Technical approvals, conformities

