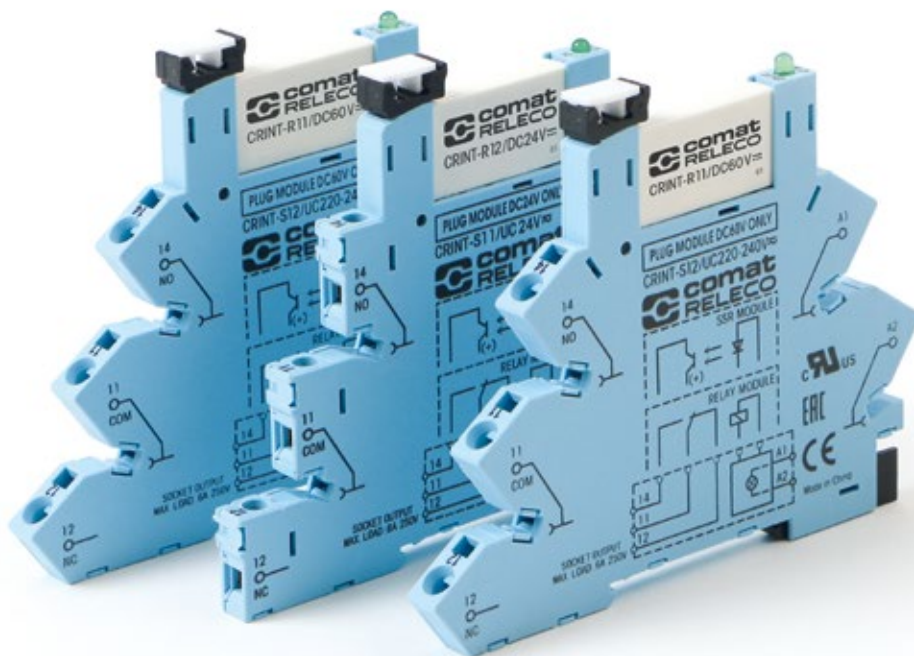


Interface Module

# CRINT



## Interface Module CRINT

- Relay module up to 6 A 250 V, different contact materials
- Solid state modules for most loads DC and AC up to 2 A
- Coil UC = AC/DC, no protection circuit required
- LED status display
- Screw terminals or cage clamp terminals
- Jumper link
- Super small mounting: 6,2 mm

### CRINT-C1x1



#### Interface module

For PLC's and process control. High power contact AgSnO<sub>2</sub>. With screw terminals (CRINT-S11) or cage clamp terminals (CRINT-S12). Recommended max. load 250 V 6 A resistive. Jumper link optional.

### CRINT-C1x2



#### Interface module

Specially for PLC, process controls with DC currents. Contact AgSnO<sub>2</sub> + 3μ Au. For low power application. With screw terminals (CRINT-S11) or cage clamp terminals (CRINT-S12). No external freewheeling circuit required. Jumper link optional.

### CRINT-C1x5



#### Solid State-interface module

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). Jumper link optional.

### CRINT-C1x8



#### Triac-interface module

For PLC's and process control. AC output interface zero synchronous switching NO for resistive or similar load. (No transformer rec.) With screw terminals (CRINT-S11) or cage clamp terminals (CRINT-S12). Jumper link optional.

CRINT Combo example  
CRINT-C121/UC24V

- CRINT Relay  
**CRINT-R11/DC24V**
- CRINT Socket  
**CRINT-S12/UC24V**

#### Technical Data

	CRINT-C1x1	CRINT-C1x2	CRINT-C1x5	CRINT-C1x8
Contact	1 CO (AgSnO <sub>2</sub> )	1 CO (AgSnO <sub>2</sub> + 3μ Au)	1 NO (Solid State DC)	1 NO (Triac)
Switching current I <sub>TH</sub>	6 A 250 V AC	6 A 250 V AC	2 A 24 V DC	1 A 240 V AC
Recommended minimal load	100 mA / 12 V	10 mA / 6 V	20 mA / 5 V	22 mA / 12 V
Switching power DC-1 30 V	180 W	180 W	–	–
Switching power AC-1 230 V	1500 VA	1500 VA	–	–
Switching power AC-15 230 V	300 VA	300 VA	–	–
Peak inrush current	15 A / 2.5 ms	15 A / 2.5 ms	48 A / 10 ms	80 A / 10 ms
Switching cycles: mech./elec.	10 x 10 <sup>6</sup> / 3 x 10 <sup>4</sup>	10 x 10 <sup>6</sup> / 3 x 10 <sup>4</sup>	–	–
Isolation EN 61810-5	6 kV	6 kV	2.5 kV	2.5 kV
Operation voltage AC 50/60 Hz / DC	0.8 ... 1.25 U <sub>N</sub>	0.8 ... 1.25 U <sub>N</sub>	0.8 ... 1.2 U <sub>N</sub>	0.8 ... 1.2 U <sub>N</sub>
Power consumption P <sub>max.</sub> 24V/230 V	408 / 900 mW	408 / 900 mW	160 / – mW	150 / – mW
On delay / release time	7 / 15 ms	7 / 15 ms	1 / 1 ms	1 / 1 ms
Temp.: operating / storage	-40...70 °C / -40...85 °C	-40...70 °C / -40...85 °C	-30...70 °C / -40...85 °C	-30...70 °C / -40...85 °C

#### CRINT Combo with screw terminals

Nominal coil voltage	CRINT-C111/UC12 V	CRINT-C112/UC12V	CRINT-C115/DC12V	CRINT-C118/DC12V
<b>12 V</b>	CRINT-C111/UC12 V	CRINT-C112/UC12V	CRINT-C115/DC12V	CRINT-C118/DC12V
<b>24 V</b>	CRINT-C111/UC24V	CRINT-C112/UC24V	CRINT-C115/DC24V	CRINT-C118/DC24V
<b>48 V</b>	CRINT-C111/UC48V	CRINT-C112/UC48V	CRINT-C115/DC48V	CRINT-C118/DC48V
<b>60 V</b>	CRINT-C111/UC60V	CRINT-C112/UC60V	CRINT-C115/DC60V	CRINT-C118/DC60V
<b>110–125 V</b>	CRINT-C111/UC110–125V	CRINT-C112/UC110–125V	CRINT-C115/DC110–125V	CRINT-C118/DC110–125V
<b>220–240 V</b>	CRINT-C111/UC220–240V	CRINT-C112/UC220–240V	CRINT-C115/DC220–240V	CRINT-C118/DC220–240V

#### CRINT Combo with cage clamp terminals

Nominal coil voltage	CRINT-C121/UC12 V	CRINT-C122/UC12V	CRINT-C125/DC12V	CRINT-C128/DC12V
<b>12 V</b>	CRINT-C121/UC12 V	CRINT-C122/UC12V	CRINT-C125/DC12V	CRINT-C128/DC12V
<b>24 V</b>	CRINT-C121/UC24V	CRINT-C122/UC24V	CRINT-C125/DC24V	CRINT-C128/DC24V
<b>48 V</b>	CRINT-C121/UC48V	CRINT-C122/UC48V	CRINT-C125/DC48V	—
<b>60 V</b>	CRINT-C121/UC60V	CRINT-C122/UC60V	CRINT-C125/DC60V	CRINT-C128/DC60V
<b>110–125 V</b>	CRINT-C121/UC110–125V	CRINT-C122/UC110–125V	CRINT-C125/DC110–125V	CRINT-C128/DC110–125V
<b>220–240 V</b>	CRINT-C121/UC220–240V	CRINT-C122/UC220–240V	CRINT-C125/DC220–240V	CRINT-C128/DC220–240V

#### Options

CRINT Label (64 pcs)  
**CRINT-LAB/64**

CRINT Jumper link  
**CRINT-BR20-RD/5 (red)**  
**CRINT-BR20-BU/5 (blue)**  
**CRINT-BR20-BK/5 (black)**

CRINT Separator  
**CRINT-SEP/5 (5 pcs)**

#### Dimensions

