

RINT 18 ... 28 series 6.2 mm wide

Interface module with solid state AC triac

DIN Rail mounting according to DIN 43 880

Types: RINT-18, RINT-28, / DC24V

Standard interface module, Solid state AC (triac)

Type 1x: Screw terminal, Type 2x: Spring cage terminal

DC 24 V control voltage, User friendly jumper system for in- and outputs

Yellow LED for status indication

Max. output load **0.75 A / 250 V**

Output data

Type	NO solid state AC, 2 wire floating
Switching AC voltage range	24 ... 253 V
Max. voltage drop	< 1 V
Max. continuous current	0.75 A
Max. inrush current (10 ms)	30 A
Min. load current	10 mA
I ² t value	4.5 A ² s
Leakage current	< 1 mA
Protection	RCV circuit

Control input V_n = **DC 24 V**

Operating voltage range	19 ... 29 V
Release voltage	< 6 V
Typical input current @ 24 V	8 mA
Nominal power consumption	200 mW
Polarity reversal	protected

Insulation

Test voltage I / O	2.5 kVrms 1minute
Pollution degree	2
Over voltage category	III
Standard	IEC 60 664

General Specifications

Ambient temperature: operation	-25 ... +60 °C
storage	-25 ... 70 °C
Typical response time @ V _n	10 ms
Typical release time @ V _n	10 ms
Wire size, screw terminal	solid/stranded wire 0.14 ... 2.5 mm ²
Wire size, spring cage	solid/stranded wire 0.14 ... 2.5 mm ²
Ingress protection	IP 20
Mounting position	any
Housing material	Polyamide PA

Standard types

DC24V, screw terminal:

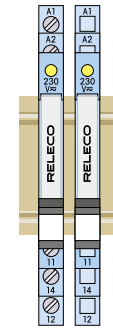
RINT-18/DC24V

DC24V, spring cage terminal:

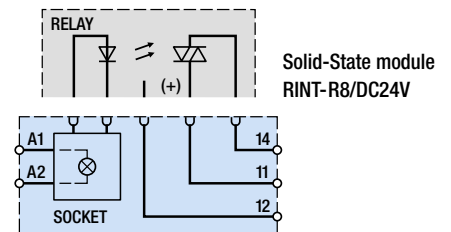
RINT-28/DC24V

Accessories

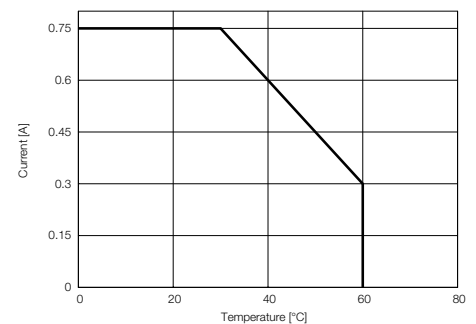
Plug-in bridges: 500 mm:	blue: RINT-BR1-500B
	gray: RINT-BR1-500G
Plug-in bridges: 6 mm	blue: RINT-BR2-6B/10
	gray: RINT-BR2-6G/10
	red: RINT-BR2-6R/10
Label:	RINT-MA6-0/100 (100 pieces)
Replacement relay:	RINT-R8/DC24V



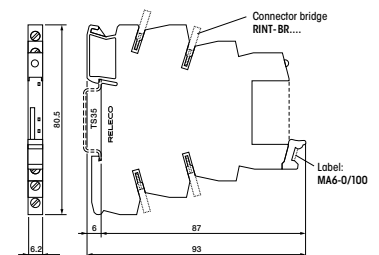
Connection diagram



Output derating curve



Dimensions [mm]



Technical approvals, conformities

