RINT 11 … 22 series 6.2 mm wide

Interface module with mechanical CO output contact

DIN Rail mounting according to DIN 43 880

Types: RINT-11, RINT-12, RINT-21, RINT-22, / …V
Standard interface module, 1 change over contact
Type 1x: Screw terminal, Type 2x: Spring cage terminal
Control voltage UC 24 V and UC 230 V, 50/60 Hz
User friendly jumper system for in- and outputs, Yellow LED for status indication

Max. contact load	**6 A, 250 V AC-1**	**6 A, 25 V DC-1**

Contact Data

Type		micro disconnection	
Material	Standard Code x1	$AgSnO_2$	
	Optional Code x2	$AgSnO_2$ + 5µ gold plated	
		$AgSnO_2$:	**+ 5 µAu:**
Max. operational current		6 A	50 mA
Max. inrush current AC 15 op.		30 A	50 mA
Max. switching voltage AC-1		250 V	30 V
Max. AC load		1500 VA	—
Max. DC load 24 V/220 V		140 W/40 W	24 V: 1.2 W
Recommended min. contact load		100 mA, 12 V	1 mA, 0.1 V

Control input V_n =	**UC 24 V**	**UC 230 V**
Operating voltage range @ 40 °C	20.5 … 33 V	184 … 257 V
Typical input current	11 / 8.5 mA	3 mA
Release voltage	< 4 V	< 60 V
Nominal power consumption	270 mW	700 mW

Insulation

Test voltage I / O	4 kVrms 1minute
Pollution degree	3
Over voltage category	III
Open contact	1000 Vrms dielectric strength 1 min
Max. working voltage	250 V
Standard	IEC 60 664

General Specifications

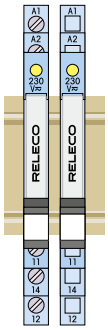
Ambient temperature: operation	-25 … +60 °C, 230 V: …+55 °C
storage	-40 … 85 °C
Typical response time @ V_n	7 ms
Typical release time @ V_n	15 ms
Service life mech./elec.	≥ 10^7/ ≥ 10^5 operations
Cond. cross section screw terminal	solid/stranded wire 0.14 … 2.5 / 1.5 mm^2
Cond. cross section spring cage	solid/stranded wire 0.2 … 2.5 / 1.5 mm^2
Ingress protection	IP 20, plug-in module: IP57
Mounting position	any
Housing material	Polyamide PA

Standard types

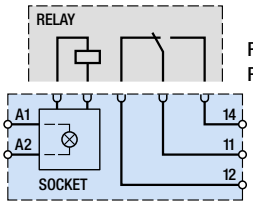
UC 24, UC230, screw terminal:	**RINT-11/UC…V**	" …" enter the voltage for full type designation
UC 24, UC230, screw terminal, gold plated:	**RINT-12/UC…V**	
UC 24, UC230, spring cage terminal:	**RINT-21/UC…V**	
UC 24, UC230, spring cage terminal, gold plated:	**RINT-22/UC…V**	

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 plate:		**RINT-MA6-0/100** (100 pieces)		
Replacement relay for RINT-11/21:		**RINT-R1/DC (for UC24V)**		
		RINT-R1/DC 60V (for UC230V)		
Replacement relay for RINT-12/22:		**RINT-R2/DC (for UC24V)**		
		RINT-R2/DC 60V (for UC230V)		



Connection diagram



Relay module
RINT-R1… / RINT-R2…

Fig.1 AC voltage endurance RINT 11, 21

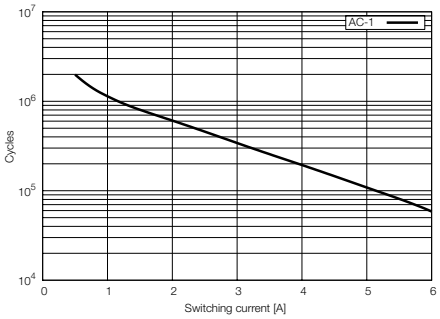
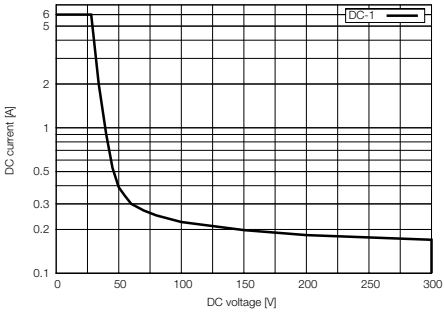
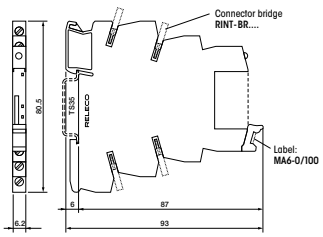


Fig. 2 DC load limit curve RINT 11, 21



Dimensions [mm]



Technical approvals, conformities