

# RT SERIES

## RT1010NNO (STB10S, STB10L, STB10U)

### SLIM INTERFACE RELAY



#### TYPE

RT1010NN + STB10  
Slim Relay for PCB or DIN rail  
1 CO

#### MAX. CONTACT LOAD

6 A / 250 V	AC1	0,5 A / 110 V DC1
6A / 30 V	DC1	0,2 A / 220 V DC1

#### CONTACT

Material Standard AgNi

Rated current / Max. peak current	6 A / 15 A
Rated voltage / Max. switching voltage AC-1	250 V / 400 V
Rated load AC15 (250 V)	750 VA
Min. switching load	10 V / 10 mA

#### COIL

Operation range	$\leq 0,8 \times U_N - 1,1 \times U_N$
Rated power (AC/DC)	170 mW
Release voltage	$\geq 0,1 \times U_N$
Coil resistance	$\pm 10\%$

#### Coil data

VDC	$\Omega$	mA
12	830	15
24	3k4	7
60	15k9	3,8

#### INSULATION

Contact open	1 KV
Coil / Contacts	4 KV
Insulation IEC 61810-1	4 KV/3
Between contacts	

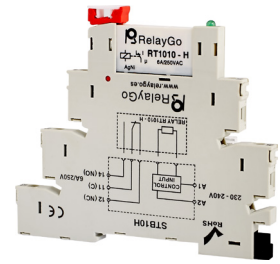
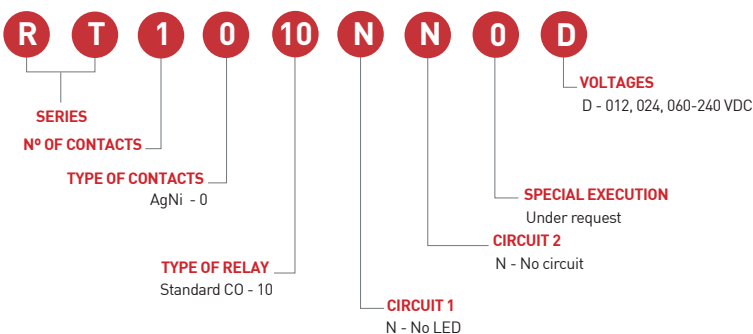
#### SPECIFICATIONS

Ambient temperature	- 40 °C ... + 80 °C
Operation / Release time	$\leq 30$ ms / $\leq 20$ ms
Protection category	IP40
Electrical life DC / Mechanical life	$1 \cdot 10^5$ op / $10 \cdot 10^6$ op (AC) $20 \cdot 10^6$ op (DC)
Weight	17 g

#### ACCESSORIES

Sockets	STB10S (12 VAC/VDC), STB10L (24 VAC/VDC), STB10U (60-240 VAC/VDC)
Bridge coil/contact 20 Units)	Bridge coil/contact 20 Units): BT10K

#### ORDERING CODE



#### CONNECTION DIAGRAM

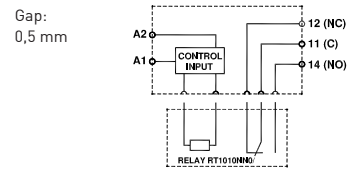


FIG. 1 ELECTRICAL LIFE AC LOAD

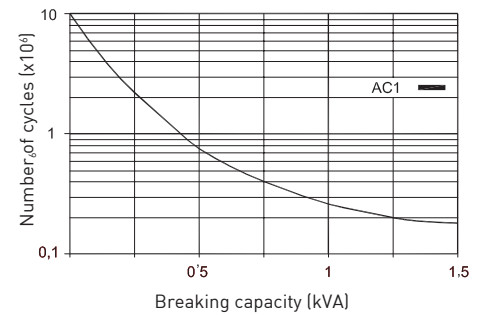
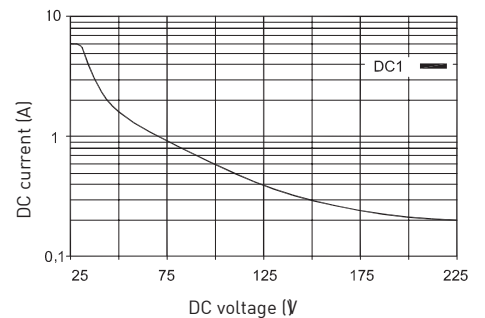
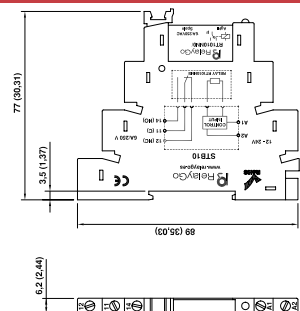


FIG. 2 MAX. DC BREAKING CAPACITY



#### DIMENSIONS mm [inch]



#### TECHNICAL APPROVALS



IEC 61810; EN 60947