

FLAG RELAY DE-ENERGIZING MODEL AUTOMATIC RESET

MODEL

RCNDA

APPLICATIONS

- Control rooms
- Mimic diagrams

FEATURES

- High current capability
- Free position
- Automatic resetting - after fault removing

DESCRIPTION

The RCNDA Flag is Automatic De-energized flag Relay.

It simultaneously drives 4 changeover contacts and a flag with two positions: fault condition (no voltage applied) and normal operation.

When the fault condition is removed and voltage properly re-applied to the coil, the relay automatically returns to normal operation.

The flag relay is housed in a plastic box with a front plate and rear plug-connector for wiring



OPERATION

De-energizing model RCNDA (Automatic) - Operation

In the normal position the relay is energized, the colour of the flag is **BLACK**. When there's no voltage applied to the input coil (fault condition), the contacts change-over and the colour of the flag is **RED** for standard model or, for the custom models, **WHITE** with the indication specified. When the voltage is properly re-applied, all the switches change over and the flag returns **BLACK**.

	TECHNICAL SPECIFICATIONS	UNIT	VALUE
1.	PICK UP DELAY	ms	25
2.	AVAILABLE CONTACTS		4
3.	NOMINAL CURRENT	A	5 AC o DC
4.	CURRENT AT MAKE	A	10 AC o DC
5.	RATED VOLTAGE	V	24, 48, 110 VCC 110, 230 VAC ±10%
6.	DIELECTRIC STRENGTH	kV	1,5 (50 Hz 1min)
7.	POWER CONSUPTION	W	5 VA AC (50 Hz) / 2,5 W DC
8.	PROTECTION CATEGORY IP		IP40
9.	STORAGE TEMPERATURE	°C	-25 ÷ +75
10.	OPERATIVE TEMPERATURE	°C	-10 ÷ +60
11.	CONNECTIONS		Pluggable terminal-blocks 2,5 mm ²
12.	RELATIVE HUMIDITY HR	%	95%
13.	MOUNTING		Flash mounting / Accessories: screw brackets
14.	BREAKING CAPACITY PER 220 V DC (LOAD TYPE L / R)	A	0,25/0,4
15.	BREAKING CAPACITY PER 230 V AC (LOAD TYPE L cosφ=0.714 / R)	A	5/7
16.	MARKING		CE

BLOCK DIAGRAM



FLAG RELAY DE-ENERGIZING MODEL AUTOMATIC RESET

Contacts				
NO ALARM BLACK FIELD	1-11	2-21	3-31	4-41
ALARM Red (STD MODEL), WHITE FIELD WITH CUSTOM INDICATION	1-10	2-20	3-30	4-40

CODE	DESCRIPTION	VOLTAGE [V]	DIM L /A/S [mm]	WEIGHT [Kg]
A4RCNDA024VCC	AUTOMATIC FLAG RELEY RCNA DE-ENERGIZING 24VCC	24 VCC	60/70/117	0,470
A4RCNDA030VCC	AUTOMATIC FLAG RELEY RCNA DE-ENERGIZING 30VCC (*)	30VCC		
A4RCND048VCC	AUTOMATIC FLAG RELEY RCNA DE-ENERGIZING 48VCC	48 VCC	60/70/117	0,470
A4RCNDA110VCA	AUTOMATIC FLAG RELEY RCNA DE-ENERGIZING 110VCA	110 VAC	60/70/117	0,470
A4RCNDA110VCC	AUTOMATIC FLAG RELEY RCNA DE-ENERGIZING110VCC	110 VCC	60/70/117	0,470
A4RCNDA125VCC	AUTOMATIC FLAG RELEY RCNA DE-ENERGIZING125VCC	125 VCC	60/70/117	0,470
A4RCNDA132VCC	AUTOMATIC FLAG RELEY RCNA DE-ENERGIZING 132VCC	132 VCC	60/70/117	0,470
A4RCNDA220VCC	AUTOMATIC FLAG RELEY RCNA DE-ENERGIZING 220VCC	220 VCC	60/70/117	0,470
A4RCNDA230VCA	AUTOMATIC FLAG RELEY RCNA DE-ENERGIZING230VAC	230 VAC	60/70/117	0,470
A4RCNDA-xxx	AUTOMATIC FLAG RELAY RCN DE-ENERGIZING (custom-flag device)	All above	60/70/117	0,470

(*) made with series resistor to coil

OUTLINE DIMENSIONS

