



ANLY CONTROLLER

EC4-1 EXCHANGE RELAY



CHARACTERISTIC :

- Switching Mode Power Supply for 100-240V AC/DC operation
- Up to 4 loads can be individually selected via DIP switch
- Up to 11 load combinations are possible
- Load 1 & 2 are SPDT contacts; Load 3 & 4 are SPST N.O. contacts
- 0.2 to 10 sec Change Time
- S1, Load exchange signal can be rising-edge or falling edge
- S2, All-On signal can force all selected loads to start sequentially
- Load Memory can let users chose to either resume the running load or to always start from Load 1 after a power reset
- a power reset is required after setting changes

SPECIFICATION :

Operating voltage	AC/DC(V): 100 - 240
Allowable operating voltage range	85~110% of rated operating voltage
Rated frequency	50 / 60 Hz
Contact rating	250VAC 5A (resistive load)
Reset time	MAX 0.1S
Power consumption	Approx. 2.3VA
Life	Mechanical: 5,000,000 times Electrical: 100,000 times
Ambient temperature	-10 ~ +50°C (without condensation & freezing)
Ambient humidity	MAX 85%RH (without condensation)
Altitude	MAX 2000m
Weight	Approx. 150g

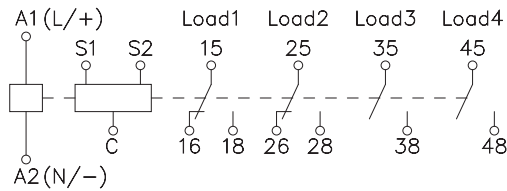
TYPE SELECTION :

EC4 - 1	Mode	A=Power ON Start,Interval Exchange C=Power ON Start,Parallel Exchange B=Signal ON Start,Interval Exchange D=Signal ON Start,Parallel Exchange
	A	

LOAD COMBINATIONS :

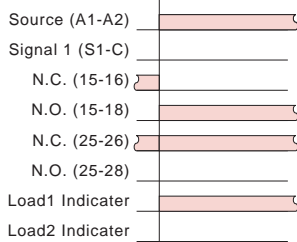
Groups	2 Loads						3 Loads				4 Loads
	1	2	3	4	5	6	7	8	9	10	11
Load 1	○	○	○				○	○	○		○
Load 2	○			○	○		○	○		○	○
Load 3		○		○		○	○		○	○	○
Load 4			○		○	○		○	○	○	○

CONNECTION :

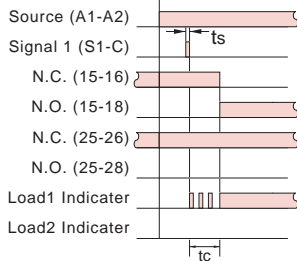


TIMING CHART :

Power ON Start Mode A、C

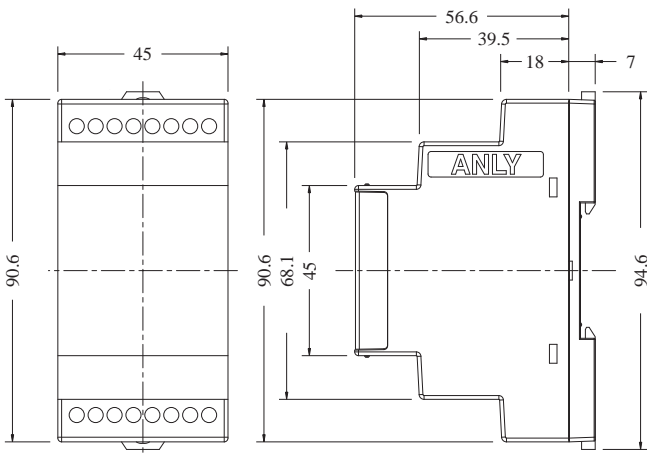


Signal ON Start Mode B、D



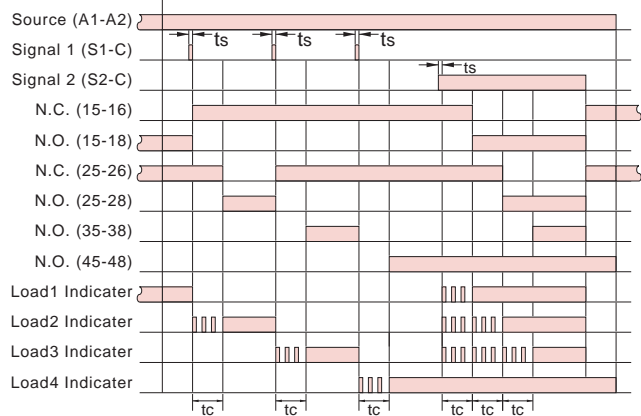
ts : Signal time > 200ms tc : Change time

DIMENSIONS : (mm)

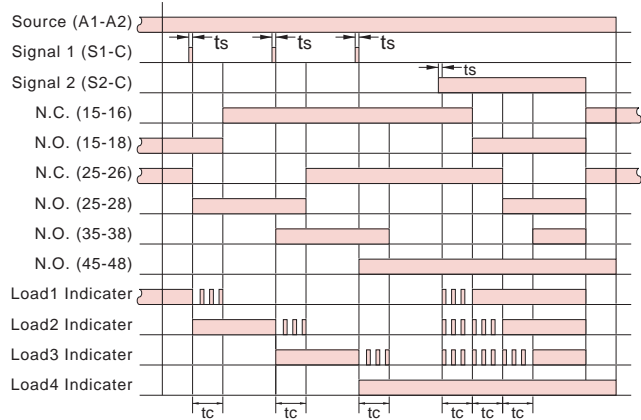


Tolerance: ±0.1

Interval Exchange Mode A、B



Parallel Exchange Mode C、D



Mode	A	B	C	D
Power ON Start	○		○	
Signal ON Start		○		○
Interrupted Exchange	○	○		
Parallel Exchange			○	○

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