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BIS-414-24V

Sequential bistable relay

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Electronic bi-stable pulse relays BIS-414 24V enables the user to actuate lighting or other devices from various locations by means of control buttons in parallel connection.

Single function. Power supply 24 V AC. Maximum load 2 x16 A. On TH-35 mm rail.



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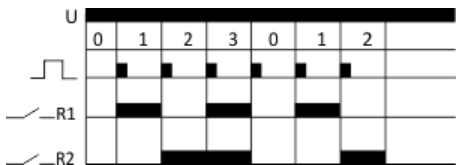
DESCRIPTION

The relay have got two switch ON section and enable to switch ON in accordance sequence two circuits of lights or diferent recuiver from many places by pushbuttons connected in parallel. Switching the relay into another cycle phase is made by another current pulse triggered by pressing any bell push connected to the relay.

Functioning

Relay power is indicated by a green LED U. Sequential relay has two separate outputs: R1 and R2. Contact state (open/closed) is forced sequentially in accordance with a predetermined program. State of contact is switched by a subsequent impulse from the the control key. Switching of R1 and R2 contacts is indicated by the corresponding R1 and R2 red LEDs. In case of a power failure, the contact state is reset. When the supply voltage returns, relay starts with a sequence number 0.

PULSE	STATE OF FUNCTIONING
0	DEACTIVATED SECTION R1 AND R2
1	ACTIVATED ONLY SECTION R1
2	ACTIVATED ONLY SECTION R2
3	ACTIVATED SECTION R1 AND R2



Power of receivers

				
tungsten	halogen	fluorescent	ESL	LED
2000W	1250W	1000W	500W	250W

These data are indicative and will heavily depend on the design of a specific receiver (that is especially important for LED bulbs, energy-saving lamps, electronic transformers and pulse power supply units), switching frequency and operating conditions.

TECHNICAL DATA

Control voltage 1	9-30 V
Frequency control voltage 1	0-50 Hz
Rated switch current	16 A
Supply voltage	9-30 V
Max. incandescent lamp load	2000 W
Max. load fluorescent lamp	600 VA
Max. load fluorescent lamp (Duo circuit)	750 VA
Max. load fluorescent lamp (parallel compensated)	600 VA
Suitable for manual operation	Nie
Function	Electronic switch
Mounting method	DIN rail
Type of control voltage 1	AC/DC
Width in number of modular spacings	1
Built-in depth	65 mm
Number of contacts as normally open contact	0
Number of contacts as normally closed contact	0
Number of contacts as change-over contact	2
Max. switching current ($\cos \phi = 0.6$)	12 A

Manual

CE declaration

Certificate