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ELECTRONIC BI-STABILE
PULSE RELAY

BIS-411 24V

WARRANTY. The F&F products are covered by a warranty of the 24 months from the date of purchase. Effective only with proof of purchase. Contact your dealer of directly with u.s. More information how to make a compliant can be found on the website: www.fif.com.pl/reklamacie

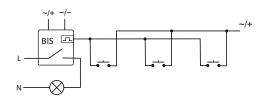




Do not dispose of this device to a garbage bin with other unsorted wast in accordance with the Waste Electrical and Electronic Equipment A any household electro-waste can be turned in free of charge and in ar quantity to a collection point established for this purpose, as well as to th store in the event of purchasing new equipment (as per the old for new ruli regardless of brand). Electro-waste thrown in the garbage bin or abandone is the bears of a forture sees of these to the one insense of the was of the stables of the contraction of the contraction of the contraction of the stables of the contraction of the contraction of the stables of the contraction of the contraction of the stables of stables stables of stables stables of stables stables

PURPOSE

Electronic bi-stable pulse relays BIS-411 24V enables the user to actuate lighting or other devices from various locations by means of control buttons in parallel connection.

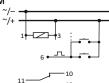


- 1 -

TECHNICAL DATA

power supply 9÷30V AC/DC contact / current load AC-1 separated 1NO / < 16A control pulse 9÷30V AC <5mA activation delay 0.1÷0.2sec signalling of supply green LED signalling of activation red LED power consumption 0.15W standby 0.6W on working temperature -25÷50°C 2.5mm² screw terminals connection tightening torque 0.4 Nm 1 module (18mm) dimensions fixing on the TH-35 rail ingress protection IP20

WIRING DIAGRAM



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SUPPLY

1-3 power relay: 9÷30V AC/DC CONTROL INPUTS

6 control input

CONTACT

11 power input contact COM

10 output: NC contact (passive) 12 output: NO contact (active)

at. NO contact (act

FUNCTIONING

The receiver is actuated by means of a current pulse triggered by pushing any bell push connected to the relay. The receiver is deactivated by another pulse or after a preset time. The relay does not "memorize" the position of the relay contact, i.e. in case of supply voltage decay and the subsequent return of supply voltage, the relay contact will be set in the off position. Such a solution prevents the automatic actuation of the receivers controlled that might occur without proper supervision after a long-lasting decay of supply voltage.

ASSEMBLY

- 1. Turn OFF the power.
- 2. Put on the relay on the rail in the switchgear box.
- 3. Connect the power cable to contact 1-3 with marks.
- 4. The timers switching which are connect in parallel connect to contact 6 and to cable which is connect to joint 3.
- 5. The activated receiver connect in series to contact 11-12.

ATTENTION!

The BIS-411 24V not compatible with bell pushes equipped with fluorescent lamps.



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Connection scheme (example)

different supply voltages of the relay and receiver

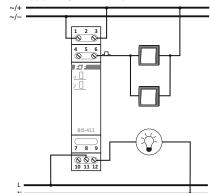


Table of power



The above 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.

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