

## BIR Impulse Relay

### Application

- Closing of the impulse relay pole(s) is triggered by an impulse on the coil.
- Having two stable mechanical positions, the pole(s) will be opened by the next impulse. Each impulse received by the coil reverses the position of the pole(s).
- Can be controlled by an unlimited number of pushbuttons.
- Zero energy consumption.

### Specification

Model	Rated Current (A)	Wiring Diagram	Control Voltage
BIR-16/20	16		24VAC 12VDC
BIR-16/11			48VAC 24VDC
BIR-16/1C			130VAC 48VDC
BIR-16/10			230VAC 110VDC



### Technical data

Dissipated Power	1,2P: 19VA (during the impulse)
Illuminated PB Control	Max. current 3 mA (if > use an ATLz)
Operating Threshold	Min. 85% of Un
Duration Of The Control Order	50 ms to 1 s (200 ms recommended)
Response Time	50 ms
Voltage Rated (Ue) 1P, 2P	24 ...250 V AC
Frequency	50/60Hz
Maximum Operations	5times/m
Maximum Switching Operation	100times/d
Insulation Voltage (Ui)	440V AC
Rated Impulse Withstand Voltage (Uimp)	6kV
Electrical Life	200,000 cycles (AC21)
	100,000 cycles (AC22)
Overvoltage Category	IV

### Dimensions

