

Modular Relays



BZ651000

Schrack-Info

- Coupling relay
- Installation design

Modular Relays



BZ651000



BZ652000

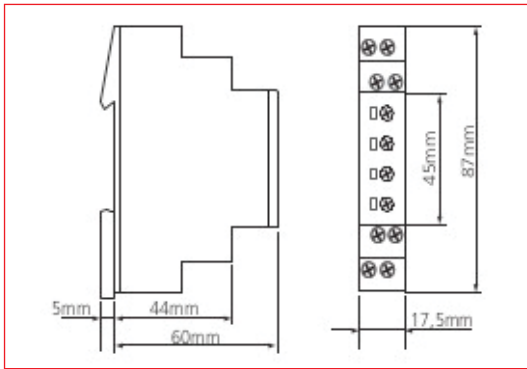
Schrack-Info

- 1 or 2 CO, 8A
- Supply voltage 12 or 24 up to 240V-AC/DC
- Width 17.5 or 35 mm

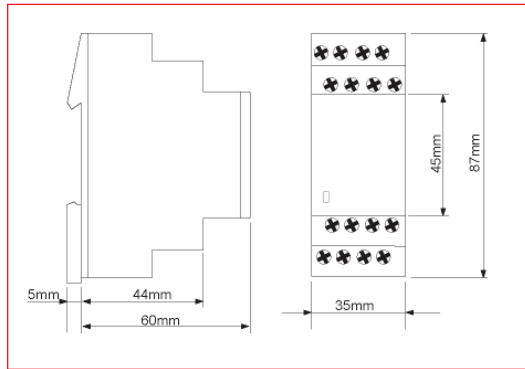
Type	BZ651000	BZ652000
Contacts	1CO, 8A	2CO, 8A
Standards:	EN 55011, EN61000-6-2, EN 61812-1	
INDICATORS:		
Yellow LED ON/OFF	Position of output relay	
Input circuit:		
Supply voltage	Terminals A1 - A2	
Nominal voltage	24 to 240V AC/DC	12 to 240V AC/DC
Tolerance	-15% to +10%	-10% to +10%
Rated consumption	4VA (1.5W)	6VA (2W)
Nominal frequency	48 up to 63 Hz	
Duty cycle	1	
Reset time	after 100 ms	
Drop-out voltage	>30%	
Overvoltage category	III (according to IEC 60664-1)	
Rated surge voltage 4 kV	4kV	
Output:		
1 normally open contact Terminals	15 - 16, 18	15 - 12, 14 and 21 - 22, 24
Rated voltage	250V-AC	
Switching capacity	2000VA (8A / 24V-DC, 24V-AC, 250V-AC)	
Mechanical life	20 x 10 ⁵ operations	
Electrical life	Resistive load: 2 x 10 ⁵ operations at 1000VA	
Ambient conditions:		
Ambient temperature	-25 to +55 °C (complies with IEC 68-1)	
Storage temperature	-25 to +70°C	
Relative humidity	15% to 85% (according to IEC 60721-3-3 class 3K3)	
Pollution degree	2, when built-in 3 (according to IEC 60664-1)	
Mechanical Design:		
Housing	Made of self-extinguishing plastic, IP rating IP40	
Mounting	on DIN rail TS 35 according to EN 60715	
Shockproof terminal connection according to VBG 4 (PZ1 required)	IP rating IP20	
Terminals:		
Terminal capacity	1 x 0.5 to 2.5 mm ² with/without multicore cable end	
	2 x 0.5 to 1.5 mm ² with/without multicore cable end	
	1 x 4 mm ² without multicore cable end	
	2 x 2.5 mm ² flexible without multicore cable end	
Tightening torque	1 x 0,5 up to 2,5 mm ² with/without wire-end sleeve	

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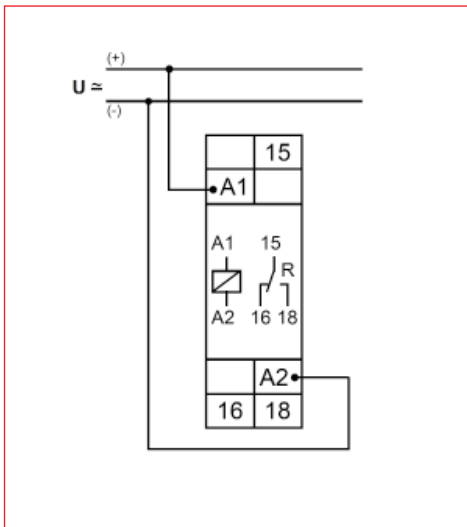
BZ651000 Dimensions



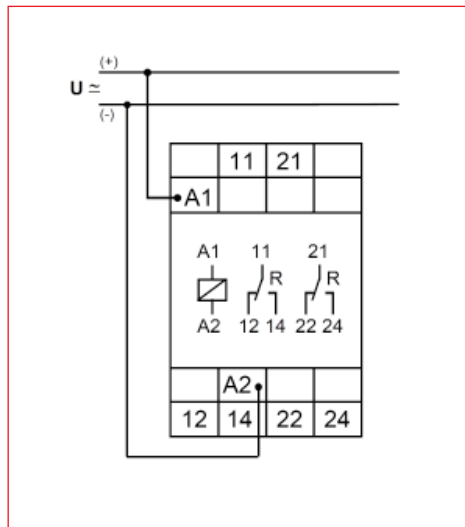
BZ652000 Dimensions



BZ651000 Wiring diagram



BZ652000 Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
1 CO 8A/250V-AC, Coil 24-240V AC/DC		BZ651000
2 CO 8A/250V-AC, Coil 12-240V AC/DC		BZ652000