

TRIP AND LOCKOUT RELAYS (II)

Model	BF-4RP	BJ-8RP
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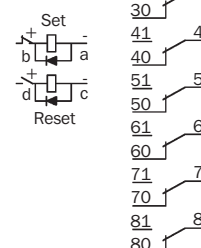
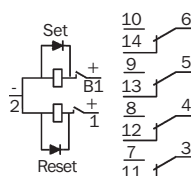
Applications

Intended for tripping and locking applications where high quality requirements in operating time and breaking capacity are needed, with manual reset.

Construction characteristics

Contacts no.	4 Changeover	8 Changeover
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Connections



Options

Options are not available

Weight (g)	300	600
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Dimensions (mm)	45 x 45 x 96,5 (F short Type)	90 x 50 x 100,5 (J short Type)
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Coil characteristics

Standard voltages ⁽¹⁾	24, 48, 72, 110, 125, 220 Vdc 63,5, 110, 127, 230 Vac (50-60 Hz)
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Voltage range	+10% -20% U _N
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Pick-up voltage (20°C)	See pick-up voltage / temperature curves for Latching relays
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Consumptions only in the change-over	23 W	35,5 W
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Operating time

Pick-up time	<10 ms (Vdc) <13 ms (Vac)	<10 ms (Vdc) <20 ms (Vac)
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Contacts

Contact material	AgNi
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Distance between contacts	1,8 mm
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Permanent current	10 A
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Instantaneous current	80 A during 200 ms / 200 A during 10 ms
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Max. making capacity	40 A / 0,5 s / 110 Vdc
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Breaking capacity	See breaking capacity curves (1 contact configuration)
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Max. breaking capacity	See value for 50,000 operations
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U _{max} opened contact	250 Vdc / 400 Vac
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Performance data

Mechanical endurance	10 ⁷ operations
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Operating temperature	-40°C +70°C
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Storage temperature	-40°C +70°C
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Max. operating humidity	93% / +40°C
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Operating altitude ⁽²⁾	<2000 m
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⁽¹⁾ Other voltage upon request

⁽²⁾ Ask for higher altitudes

