

BSR1 Residual Current Circuit Breaker



BSR1 2P



BSR1 4P

Specification and Feature

- Provides protection against earth fault/leakage current and function of isolation
- High breaking current withstand capacity
- Applicable to terminal and pin/fork type busbar connection
- Equipped with finger protected connection terminals
- Fire resistant plastic parts endures abnormal heating and strong impact
- Automatically disconnect the circuit when earth fault/leakage current occurs and exceeds the rated sensitivity
- Independent of power supply and line voltage, and free from external interference, voltage fluctuation
- Conform to standard IEC/EN61008-1

Technical Data

Mode	Electro-magnetic type, electronic type
Residual current characteristic	A, AC
Pole No.	2, 4
Rated making and breaking capacity	630A
Rated current(A)	16, 25, 40, 63
Rated voltage	230/400V AC
Rated frequency	50/60Hz
Rated residual operating current $I_{\Delta n}$ (mA)	10, 30, 100, 300, 500
Rated residual non operating current $I_{\Delta no}$	$0.5I_{\Delta n}$
Rated conditional breaking current I_{nc}	6000A
Rated conditional residual breaking current $I_{\Delta c}$	6000A
Tripping duration	Instantaneous tripping $\leq 0.1s$
Residual tripping current range	$0.5I_{\Delta n} \sim I_{\Delta n}$
Electro-mechanical endurance	4000 cycles
Connection capacity	Rigid conductor up to $25mm^2$
Connection terminal	Screw terminal Pillar terminal with clamp
Fastening torque	2.0 Nm
Installation	On symmetrical DIN rail 35mm Panel mounting

Wiring Diagram



Overall & Installation Dimensions

