

Safety Breaker and Earth Leakage Breaker, HB and BJS Type

Complete range of products with a compact design.

Safety Breaker HB and S-HB Type

Dimensions, mm												
Appearance	Safety Breaker, HB Type						S-HB Type					
Mounting Pitch, mm												
Type	BS11106TV	BS1110TV	BS1111TV	BS1112TV	BS1113TV	BS202TV	BS203TV	BS220TV	BS230TV	BS2202TV	BS2302TV	
Poles & Elements	2P1E						2P2E		2P1E		2P2E	
Rated Current, In	6A	10A	15A	20A	30A	20A	30A	20A	30A	20A	30A	
Rated Voltage, Ue	AC240V, 1.0kA (6A), 1.5kA (10, 15, 20, 30A)						AC120/240V, 1.5kA		AC240/415V, 2.5kA			
Tripping Mechanism	Terminal Method Operation											
Arc Quenching Method	Natural Quenching											
Interrupting Time	10ms (100%)						5ms (50%)					
Passage of Short	$23 \times 10^3 \text{A}^2 \text{Sec}$ (100%)						$5.7 \times 10^3 \text{A}^2 \text{Sec}$ (25%)					
Weight	0.07kg				0.08kg		0.09kg		0.11kg			
Application	Air Conditioner, Water Pump, Water Heater											

1. Use 20A for normal current branch circuits, and 30A for high capacity dedicated circuits;
2. Use 15A or less for machine protection, after consideration of its characteristic: inrush current and usual currents;
- 3 The data in capacity mentioned above are just for your reference, which are Panasonic's experimental ones;

Earth Leakage Breaker BJS Type

Dimensions, mm												
Appearance												
Mounting Pitch, mm												
Type	BJS30208A2	BJS30308A2	BJS15125	BJS15225	BJS15325	BJS20125	BJS20225	BJS20325	BJS30125	BJS30225	BJS30325	
Poles & Elements	2P0E						2P2E					
Rated Current, In	30A		15A			20A			30A			
Rated Voltage, Ue	AC120-240V						AC100-240V					
Rated Operating Current	15mA	30mA	10mA	15mA	30mA	10mA	15mA	30mA	10mA	15mA	30mA	
Rated Non-operating Current	7.5mA	15mA	6mA	7.5mA	15mA	6mA	7.5mA	15mA	6mA	7.5mA	15mA	
Rated Short-time Current	1.5kA											
Phase & Wiring Configuration	1Ø2W						1Ø2W, 1Ø3W					
Operating Time	Within 0.1 Second											
Handle Type	Standard						-					
Connecting Method	For direct installation of electrical wiring											
Weight	0.1kg						0.09kg					
Overload Current Tripping Mechanism	None						Thermal Operation					
Application	Water Heater, Refrigerator, Fleezer											

1. Rated short-time current means that although short-circuit protection is not possible, the internal circuitry and conductors can withstand 1.5kA for 0.02 seconds;
2. Ambient temperature range for usage: -10°C to +50°C;
3. Disconnect electrical wiring before measuring insulation resistance between wires;