

Outline

The rainproof type is structured in a manner that rain water will not enter inside.

- General rainproof type is structured in a manner that no harmful damage will be caused by rain within 60° from the vertical line.
- Strong rainproof type has higher rainproof performance with buttons covered with a special resin.
- Simplified rainproof type has a simple structure with rainproof capability.
- We have general rainproof type with oil-resistance (material: PA alloy) available. This is a made to order product. Please place your order with the type names: BSW215B3AB, BSW215B2AB.
- We have a general rainproof type with incombustibility (material: ABS UL94V-0) available. This is a made to order product. Please place your order with the type names: BSW215B3NC, BSW215B2NC.

Series List

Classification		Rated carry current	Maximum applicable motor capacity			
Type	Type name		1 φ (single phase)		3 φ (three phase)	
			100/110V	200/220V	200/220V	400/440V
General rainproof type	BSW 215B 2	15A	0.4kW	1.1kW	—	—
	BSW 215B 3		—	—	2.2kW	2.2kW
	BSW 230B 3	30A	—	—	3.7kW	3.7kW
Strong rainproof type	BSWT 215B 2	15A	0.4kW	1.1kW	—	—
	BSWT 215B 3		—	—	2.2kW	2.2kW
	BSWT 230B 3	30A	—	—	3.7kW	3.7kW
Simplified rainproof type	BSWH 215 2	15A	0.4kW	1.1kW	—	—
	BSWH 215 3		—	—	2.2kW	2.2kW
Reversible type with general rainproof capacity	BSW 315B 2	15A	0.4kW	1.1kW	—	—
	BSW 315B 3		—	—	2.2kW	2.2kW
	BSW 330B 3	30A	—	—	3.7kW	3.7kW
Reversible type with strong rainproof capacity	BSWT 315B 2	15A	0.4kW	1.1kW	—	—
	BSWT 315B 3		—	—	2.2kW	2.2kW
Inching type general rainproof capacity (Normal/Reverse)	BSW 315B 4 ^{Note}	15A	—	—	2.2kW	2.2kW
	BSW 330B 4 ^{Note}	30A	—	—	3.7kW	3.7kW
Inching type general rainproof capacity (Normal/Stop/Notch)	BSW 315B 5 ^{Note}	15A	—	—	2.2kW	2.2kW
	BSW 330B 5 ^{Note}	30A	—	—	3.7kW	3.7kW

Note: Product made to order

General Specifications

	Material (Color)	
	Case	Cover
General rainproof type	ABS Resin (Ivory: 5Y7/1 equivalent)	
Strong rainproof type	ABS Resin (Ivory: 5Y7/1 equivalent) Gasket: elastomer (semitransparent)	
Simplified rainproof type	ABS Resin (Black)	ABS Resin (Ivory: 5Y7/1 equivalent)
Reversible type with general rainproof capacity	ABS Resin (Ivory: 5Y7/1 equivalent)	
Reversible type with strong rainproof capacity	ABS Resin (Ivory: 5Y7/1 equivalent) Gasket: elastomer (semitransparent)	
Inching type general rainproof capacity (Normal/Reverse)	ABS Resin (Ivory: 5Y7/1 equivalent)	
Inching type general rainproof capacity (Normal/Stop/Notch)	ABS Resin (Ivory: 5Y7/1 equivalent)	

Item	Specifications	
Standard use condition	Installation position	Install as follows against vertical plane. ON or FOR button above OFF or REV button below
	Ambient temperature	-15°C to +40°C (must be free of ice or condensation)
	Relative humidity	45% to 85%
	Installation location	Where no abnormal vibration and impacts occur
Compliance standard	JIS C8201-3 (switches, breakers, disconnecting switches and units with fuse), Electrical Appliance and Material Safety Law (compliant product)	

Button Specifications

Colors	ON, FOR, REV, 正, 逆, 寸: Black
	OFF, STOP, 止 : Red
Engraving and specification	Letters are engraved on buttons. As for BSW315B and BSW330B, engraving can be arranged as necessary. For details, please contact us.

Common Rating

Item	Specifications
Insulation resistance	100MΩ or more (DC500V Megger)
Withstand voltage	AC2500V 1 minute

Protection Structure of Rainproof Type

Classification	Basic type	Protection structure
Simplified rainproof type	BSWH	Electrical Appliance and Material Safety Law: rainproof type
General rainproof type	BSW	Electrical Appliance and Material Safety Law: rainproof type
Strong rainproof type	BSWT	Electrical Appliance and Material Safety Law: rainproof type

Rating According to Type

Classification		Applicable wire (mm ²)	Connection terminal	Tightening torque (N·m)
Type	Type name			
General rainproof type	BSW 215B ■	2	M4	1.4~1.8
	BSW 230B 3	3.5	M5	2.5~3.5
Strong rainproof type	BSWT 215B ■	2	M4	1.4~1.8
	BSWT 230B 3	3.5	M5	2.5~3.5
Simplified rainproof type	BSWH 215 ■	2	M4	1.4~1.8
Reversible type with general rainproof capacity	BSW 315B ■	2	M4	1.4~1.8
	BSW 330 B3	3.5	M5	2.5~3.5
Reversible type with strong rainproof capacity	BSWT 315B ■	2	M4	1.4~1.8
Inching type general rainproof capacity (Normal/Reverse)	BSW 315B 4	2	M4	1.4~1.8
	BSW 330B 4	3.5	M5	2.5~3.5
Inching type general rainproof capacity (Normal/Stop/Notch)	BSW 315B 5	2	M4	1.4~1.8
	BSW 330B 5	3.5	M5	2.5~3.5

Remarks: In ■ under Type name, pole number indication mark will be written. 2:2P (for single phase), 3:3P (for three phase)

Power Switches
Hoist Push-Button Switches
Operating Push Button Switches
Foot Switches
Liquid Level Relays