

BYA-63 series

Weatherproof AC Isolation Switch



Application

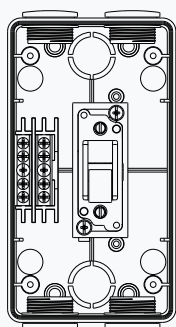
ZBENY The BYA series of weatherproof isolation switch is a robust range of switch suitable for virtually any external application included in the range are single and three poles switch from 20A to 63A, the base mounted mechanism provides for easier wiring and more wiring room. Application to motor isolator safety switches, motor disconnectors, air conditioning isolators and AC Isolator for PV inverters.

Parameter

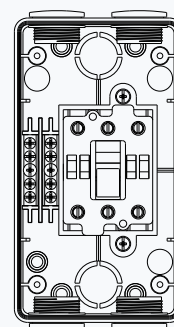
Description	BYA-63	
Pole	1Pole	3Pole
Rated operational voltage (U_e)	250VAC	440VAC
Rated operational current (I_e)	20A	20A
	35A	35A
	63A	63A
Standard	IEC60947.3 AC-22A	
Rated frequency	50Hz	
Rated insulation volateg (U_i)	1000V	
Rated impulse withstand voltage (U_{imp})	2.5kV	
Short time withstand current (I_{cw})	750A	
Short circuit making capacity (I_{cm})	1058A	
Free air thermal current (I_{th})	Same as I_e	
Enclosed thermal current (I_{the})	Same as I_e	
Dielectric properties	800V	
Mechanical life	10000	
Electrical life	1500	
Protection degree	IP66	
Conduit entries	4xM25	
Padlock max diameter	6mm	
Max. cable size ($Mains$)	25mm ²	
Max. cable size (N/E)	16mm ²	
Approved	SAA, RCM, CE	
Rated operation current (AS3133)	Locked rotor 3 Ø, "M" rating	Locked rotor 1 Ø, "M" rating
	120A for 20A	140A for 20A
	160A for 35A	180A for 35A
	200A for 63A	200A for 63A

Structure

1Pole
20A, 35A, 63A



3Pole
20A, 35A, 63A



Dimension (mm)

