

BXB-Y | Mining Explosion Proof Intrinsically Safe Low Voltage Protection Box



Use

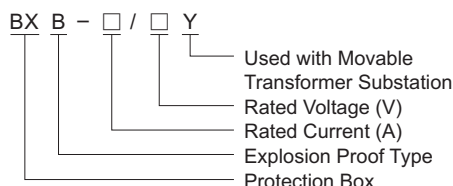
The mining explosion proof low-voltage protection box used in movable transformer substation is used in explosive and dangerous coal mine where is filled with methane and coal dust, installed at low voltage side of movable transformer substation, it is used with our KJG series mining explosion proof intrinsically safe high voltage vacuum distribution device, form an ideal movable transformer substation system with low voltage fault breaking high voltage function. To supply power system with 3300V, 1140V, 660V, 380V/50Hz, rated current is below 1600V, has protection functions of electric leakage, leakage latch, short-circuit, overload, phase balance, wind and electricity latch, etc. It can automatically cut off power when supplying power circuit is over-load, short-circuit, phase break or leakage. Over-current protection has inverse time-limited characteristics, proximal output short-circuit adopt no voltage releasing big current protection circuit.

Technical Data

1. Rated working voltage: 3300V, 1140V, 660V, 380V.
2. Rated working system: permanent.
3. Cable O.D: main loop Φ42~Φ78; control loop Φ9~Φ23.
4. Rated working current: 50A~1600A.

Type	Rated voltage (V)	Rated current (A)	External diameter of cable(Φmm)		Dimension W × H × D(mm)	Weight (kg)		
			Main circuit	Control circuit				
BXB-1250/3300Y	3300	1250	42~78	9~23	882×740×610	270		
BXB-1000/3300Y	3300	1000			882×740×610	270		
BXB-800/3300Y	3300	800			882×740×610	270		
BXB-630/3300Y	3300	630			882×732×574	255		
BXB-500/3300Y	3300	500						
BXB-400/3300Y	3300	400						
BXB-315/3300Y	3300	315						
BXB-200/3300Y	3300	200						
BXB-150/3300Y	3300	150						
BXB-1600/1140(660)Y	1140(660)	1600					882×740×610	270
BXB-1250/1140(660)Y	1140(660)	1250						
BXB-1000/1140(660)Y	1140(660)	1000						
BXB-800/1140(660)Y	1140(660)	800						
BXB-630/1140(660)Y	1140(660)	630						
BXB-500/1140(660)Y	1140(660)	500						
BXB-400/1140(660)Y	1140(660)	400						
BXB-315/1140(660)Y	1140(660)	315						
BXB-200/1140(660)Y	1140(660)	200						
BXB-1600/660(380)Y	660(380)	1600			882×740×610	270		
BXB-1250/660(380)Y	660(380)	1250						
BXB-1000/660(380)Y	660(380)	1000						
BXB-800/660(380)Y	660(380)	800						
BXB-630/660(380)Y	660(380)	630						
BXB-500/660(380)Y	660(380)	500						
BXB-400/660(380)Y	660(380)	400						
BXB-315/660(380)Y	660(380)	315						
BXB-200/660(380)Y	660(380)	200						
BXB-100/660(380)Y	660(380)	100						
BXB-50/660(380)Y	660(380)	50			882×732×574	255		

Meaning of Type



Technical Descriptions

1. Outlets on two sides that fulfill multiplex load connection.
2. All faults drive breaker on high voltage side to break through signal cable, to decrease breaking current, overcomes the frequent breaking malfunction of switch on the low voltage side of movable transformer substation, also overcomes the dead zone problem which is electric leakage of the loop from transformer low voltage winding group to low voltage feeding switch, could not break down fault point, can match with different types of movable transformer substation.
3. Automatically trace voltage change, it is no necessary to change periphery circuit, make customers to use it conveniently.
4. When the switch is switching on or off, online thousand of ohms meter can indicate current insulation state all the time, convenient for maintenance in advance and adjust the network insulation degree.