

Specifications



Circuit Breaker Frame, UEW6-1600(ACB)

Main

Range	UEW6
Product Name	Circuit breaker frame
Device Short Name	UEW6-1600
Product or Component Type	Circuit breaker
Device Application	Power distribution protection
Poles Description	3P、4P
Control Unit	AT2、AT4、AT5、BT2、BT5
Line Rated Current	200A、400A、630A、800A、1000A、1250A、1600A
Performance Type	M 、 H
Rated Operational Voltage[Ue]	400V、690V、800V AC 50/60 Hz
Selectivity Category	Category B
Mounting Mode	Fixed Drawout

Complementary

Rated Ultimate Short-Circuit Breaking Capacity [Icu]	AC400V	M:50kA	H:65 kA
	AC690V	M:25kA	H:35kA
Rated Service Breaking Capacity[Ics]	AC400V	M:50kA	H:55kA
	AC690V	M:25kA	H:35kA
Rated Short-Time Withstand Current [Icw]	AC400V	M:42kA/0.5s	H:42kA/1s
	AC690V	M:25kA/0.5s	H:35kA/1s
Rated Short-Circuit Making Capacity[Icm]	AC400V	M:105kA	H:143kA
	AC690V	M:52.5kA	H:73.5kA
Rated Insulation Voltage [Ui]	1000 V AC 50/60 Hz		

Rated Impulse Withstand Voltage [Uimp]	12 kV				
Power Dissipation in W	Installation type Rated current	3P Fixed	4P Fixed	3P Draw out	4P Draw out
	200A	4.8W	6.4W	6W	8W
	400A	19.2W	25.6W	24W	32W
	630A	47.6W	63.5W	59.5W	79.4W
	800A	76.8W	102.4W	89.6W	115.2W
	1000A	120W	160W	140W	180W
	1250A	156.2W	218.7W	187.5W	250W
	1600A	256W	358.4W	307.2W	409.6W
Maximum Breaking Time	<30 ms				
Maximum Closing Response Time	70 ms				
Mounting Support	Rails Base plate				
Connection Pitch	75mm				
Mechanical Durability	15000 Without maintenance 30000 With maintenance				
Electrical Durability	AC400V 8000 AC690V 3000 AC800V 2400				
Height	Fixed 3P	320mm	Fixed 4P	320mm	
	Drawout 3P	353mm	Drawout 4P	353mm	
Width	Fixed 3P	263mm	Fixed 4P	338mm	
	Drawout 3P	317mm	Drawout 4P	392mm	
Depth	Fixed 3P	224mm	Fixed 4P	224mm	
	Drawout 3P	304mm	Drawout 4P	304mm	
Net Weight (Max)	Fixed 3P	18.8kg	Fixed 4P	22.6kg	
	Drawout 3P	41.7kg	Drawout 4P	48.9kg	
Standards	GB/T 14048.1, GB/T 14048.2 EN/IEC 60947-2 BSEN60947-2				
Product Certifications	CCC CB CE				

UKCA

Environment

IP Degree of Protection	IP40 (The switch is installed in the switchgear and equipped with a door frame)
Pollution Degree	III (3)
Ambient Air Temperature for Operation	-5...+70 °C
Ambient Air Temperature for Storage	-40...75 °C
Operating Altitude	0...2500 m without derating > 2500 m with derating

Packing Units

Unit Type of Package	PCE			
Quantity in One Package	1			
Package	3PG	4PG	3PC	4PC
Package Height	50 cm	50 cm	53 cm	53 cm
Package Width	32.5 cm	36.5 cm	36.5 cm	43.5cm
Package Length	33.5 cm	46.5 cm	46.5 cm	46.5 cm
Package Weight (Max)	24 kg	28 kg	46.8 kg	56kg
