

Specifications



Circuit Breaker Frame, UEW6-3200(ACB)

Main

Range	UEW6
Product Name	Circuit breaker frame
Device Short Name	UEW6-3200
Product or Component Type	Circuit breaker
Device Application	Power distribution protection
Poles Description	3P、 4P
Control Unit	2M、 2H、 3M、 3H
Line Rated Current	1000A、 1250A、 1600A、 2000A、 2500A、 3200A
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:100kA	H:100 kA
	AC690V	M:75kA	H:85kA
	AC800V	M:50kA	H:50 kA
Rated Service Breaking Capacity[Ics]	AC400V	M:100kA	H:100 kA
	AC690V	M:75kA	H:85kA
	AC800V	M:50kA	H:50 kA
Rated Short-Time Withstand Current [Icw]	AC400V	M:85kA/1s	H:100 kA/1s
	AC690V	M:75kA/1s	H:85kA/1s
	AC800V	M:50kA/1s	H:50 kA/1s
Rated Short-Circuit Making	AC400V	M:220kA	H:220 kA

Capacity[lcm] AC690V M:165kA H:187kA
AC800V M:105kA H:105kA

Rated Insulation Voltage [Ui] 1250 V AC 50/60 Hz

Rated Impulse Withstand Voltage [Uimp] 12 kV

Power Dissipation in W	Installation type	3P Fixed	4P Fixed	3P Draw out	4P Draw out
	Rated current				
	1000A	42W	55W	72W	85W
	1250A	65W	87W	113W	133W
	1600A	107W	143W	184W	218W
	2000A	168W	224W	288W	340W
	2500A	263W	350W	337W	443W
	3200A	458W	604W	552W	725W

Maximum Breaking Time <30 ms

Maximum Closing Response Time 70 ms

Mounting Support Rails Base plate

Connection Pitch
 Drawout (2500A -3200A Horizontal busbar) 140 mm
 Drawout (1000A -2500A Horizontal busbar) 115 mm
 Fixed (2900A-3200A Horizontal busbar) 150mm
 Fixed 3P (2900A-3200A Horizontal lengthened busbar) 137.5mm
 Fixed 4P (2900A-3200A Horizontal lengthened busbar) 130mm
 Fixed (2900A-3200A Vertical busbar) 115mm

Mechanical Durability 10000 Without maintenance

20000 With maintenance

Electrical Durability
 AC400V 4000
 AC690V 2000
 AC800V 1000

Height
 Fixed 3P 401mm Fixed 4P 401mm
 Drawout 3P 446mm Drawout 4P 446mm

Width
 Fixed 3P 426mm Fixed 4P 541mm
 Drawout 3P 474mm Drawout 4P 589mm

Depth
 Fixed 3P 296.5mm Fixed 4P 296.5mm
 Drawout 3P 405mm Drawout 4P 405mm

Net Weight (Max)	Fixed 3P 53.7kg	Fixed 4P 72.5kg
	Drawout 3P 84.2kg	Drawout 4P 114kg
Standards	GB/T 14048.1, GB/T 14048.2 EN/IEC 60947-2 BSEN60947-2	
Product Certifications	CCC CB TUV 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	60 cm	60cm	63 cm	63cm
Package Width	46.5 cm	46.5 cm	56cm	56 cm
Package Length	53 cm	64.5 cm	54cm	65.5cm
Package Weight (Max)	65.7kg	86.5kg	99.2 kg	131kg