

Product data sheet



Specifications



Circuit Breaker Frame, UEW6DHG-2500

Main

Range	UEW6DHG
Product Name	DC Switch disconnecting
Device Short Name	UEW6DHG-2500
Product or Component Type	Switch disconnecting
Device Application	Power distribution protection
Poles Description	2
Line Rated Current	800A、1000A、1250A、1600A、2000A、2500A
Rated Operational Voltage[Ue]	DC1500V
Selectivity Category	DC-PV2
Mounting Mode	Fixed

Complementary

Rated Short-Time Withstand Current [I _{cw}]	DC1500V	50 kA/1s
Rated Short-Circuit Making Capacity[I _{cm}]	DC1500V	50 kA/1s
Rated Insulation Voltage [U _i]	DC1600V	
Rated Impulse Withstand Voltage [U _{imp}]	12 kV	

Power Dissipation in W	Rated current	Power dissipation
	800A	21.7W
	1000A	34W
	1250A	53.1W
	1600A	76.8W

2000A	120W
2500A	177.5W

Maximum Breaking Time	<30 ms (< 63A)
Maximum Closing Response Time	70 ms
Mounting Support	Rails Base plate
Connection Pitch	135mm
Mechanical Durability	10000 Without maintenance
Height	389mm
Width	346mm
Depth	342.7mm
Net Weight (Max)	40kg
Standards	GB/T 14048.1, GB/T 14048.3 EN/IEC 60947-3 BSEN60947-3
Product Certifications	CCC CB TUV

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	-40...+70 °C
Ambient Air Temperature for Storage	-40...75 °C
Operating Altitude	0...4000 m without derating > 4000 m with derating

Packing Units

Unit Type of Package	PCE
Quantity in One Package	1
Package Height	59.4 cm
Package Width	49.5 cm
Package Length	43.1 cm
Package Weight (Max)	48 kg