

Product data sheet



Specifications



DC Switch disconnecting, HFUW3DG-3200XU

Main

Range	HFUW3DG
Product Name	DC Switch disconnecting
Device Short Name	HFUW3DG-3200XU
Product or Component Type	Switch disconnecting
Device Application	Power distribution protection
Poles Description	2
Line Rated Current	2900A、3200A
Rated Operational Voltage[Ue]	DC1500V
Selectivity Category	DC-PV2
Mounting Mode	Fixed

Complementary

Rated Short-Time Withstand Current	DC1500V	85 kA/1s 、 DC1500V	100 kA/0.5s
[Icw]	DC1500V	100 kA/1s ^a	
^a When the high short-time withstand current (Icw=100kA/1s) is selected, there should be a property number (198) as a suffix of the type code.			
Rated Short-Circuit Making Capacity[Icm]	DC1500V	100kA/1s	
Rated Insulation Voltage [Ui]	DC1600V		
Rated Impulse Withstand Voltage [Uimp]	12 kV		
Power Dissipation in W	Rated current	Power dissipation	
	2900A	185W	

	3200A	225W
Maximum Breaking Time	<50 ms	
Maximum Closing Response Time	30 mm (Without Interphase barrier)	
Mounting Support	Rails Base plate	
Connection Pitch	135mm	
Mechanical Durability	10000 Without maintenance	
Height	389mm	
Width	346mm	
Depth	343mm	
Net Weight (Max)	47kg	
Standards	GB/T 14048.1,GB/T 14048.3 IEC 60947-3 EN60947-3	
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~+85 °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)	55 kg