



UEM6HG-500 DC Molded Case Switch Disconnecter

Main

Range	UEM6
Product Name	DC Molded Case Switch Disconnecter
Device Short Name	UEM6HG-500
Product or Component Type	Switch Disconnecter
Device Application	DC distribution systems such as new energy, DC energy storage, power system, rail transit and electric tram.
Poles Description	2P
Rated Current [In]	250A、315A、350A、400A、500A
Visible Break Point	none
Rated Operating Voltage [Ue]	DC1500V
Utilization Category	DC-22A、DC-PV2
Attachment Type	Shunt release 、 Auxiliary contact 、 Manual operation machine configuration
Installation Type	stationary

Complementary

Rated Short-Time Withstand Current [Icw]	6kA/1s
Rated Short-Circuit Making Capacity[Icm]	6kA
Rated Insulation Voltage [Ui]	DC1500V
Rated Impulse Withstand Voltage[Uimp]	12 kV
Interphase Distance	46.75 mm
Mechanical Endurance	10000 cycles (maintenance-free)
Electrical Endurance	1000 cycles

Installation Position	Horizontal and vertical
Height	205mm
Width	96mm
Depth	135mm
Net Weight	3.8kg
Standards	GB/T 14048.3 EN/IEC 60947-3
Product Certifications	TUV CCC CB CE

Environment

IP Degree of Protection	IP20
Pollution Degree	III (3)
Ambient Air Temperature for Operation	-40°C...+85 °C
Ambient Air Temperature for Storage	-40°C...+80 °C
Storage Humidity	5%RH...85%RH
Operating Altitude	≤2000m Capacity reduction should be considered when the volume exceeds 2000m

Packing Units

Unit Type of Package	PCE
Unit Type of Package	3
Package Height	23cm
Package Width	27.5cm
Package Length	47.5cm
Package Weight	16.5KG

Contract warranty

Contract warranty	18 months
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