

Specifications



UEM1E-320 DC MCCB

Main

Range	UEM1E
Product Name	DC MCCB
Device Short Name	UEM1E-320
Product or Component Type	Circuit breaker
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]	200A、250A、275A、300A、320A
Short-Circuit Breaking Capacity	18kA ($\tau_{0.63:8ms}$)
Release Type	Electromagnetic type 、 Thermomagnetic type
Rated Operating Voltage [Ue]	DC1500V
Protection Function	Overload, short circuit
Attachment Type	Shunt release 、 Auxiliary contact 、 Manual operation machine configuration 、 zero arcing cover
Installation Type	Stationary

Complementary

Short-Circuit Breaking Capacity	DC1500V 18kA ($\tau_{0.63} = 8ms$)
Rated Insulation Voltage [Ui]	DC1500V
Rated Impulse Withstand Voltage[Uimp]	12 kV
Arcing Distance	0 (with zero arcing cover)
Mechanical Endurance	1000(200) ,400(250 and more)
Electrical Endurance	1000(200) ,400(250 and more)
Installation Position	Horizontal and vertical

Height	205mm
Width	96mm
Depth	135mm
Net Weight	3.8kg
Standards	UL 489SC
Product Certifications	UL

Environment

IP Degree of Protection	IP20
Pollution Degree	III (3)
Ambient Air Temperature for Operation	-40°C...+80 °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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