

DC Moulded Case Circuit Breaker

EDM3 Series PV DC Moulded Case Circuit Breaker

Leading Manufacturer Protects Solar Power Safety

Rev1.0 2022/02/11



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EDM3 Series PV DC Moulded Case Circuit Breaker



EDM3 -250



EDM3 -250/EL

Product Application

EDM3 series PV DC moulded case circuit breaker protects the battery systems and energy storage systems, with over load protection and short circuit protection. Rated voltage is 500VDC. Rated current up to 250A. Ensure the solar PV systems including batteries operating well and high efficiency. A IP66 and UV resistance PC enclosure is optional.

Product Benefits

- High Breaking Capacity, reliable insulating
- Over load protection and short-circuit protection
- Frequency operating and isolating
- Rated voltage 500VDC
- Max Rated Current 250A

Select Code

E	D	M	3	-		/			-		
1	2	3			4	5	6	7	8		

Code	Name	Description
1	ASwisch brand	E
2	DC	D
3	Moulded Case Circuit Breaker	M
4	250	Max Rated Current 250A
5	Enclosure box	Nil: Without enclosure box EL: With enclosure box
6	Rated current	250:250A 180:180A 125:125A 225:225A 160:160A 200:200A 140:140A
7	Pole	2: 2P
8	Tripping	3: Electromagnetic tripping + thermal tripping

Appearance Introduction



Company name

Type

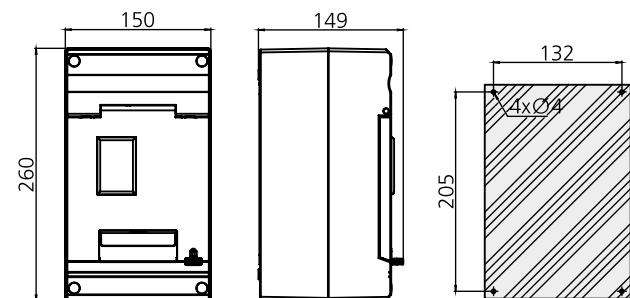
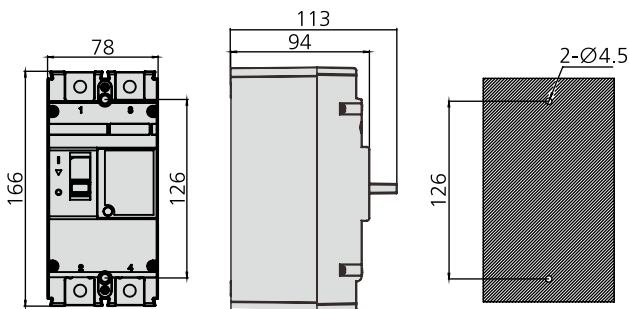
Technical Data

Type	EDM3-250
Pole	2P
Max Rated Current	250A
Electrical Characteristics	
Rated Working Voltage U _e	500V DC
Rated Current I _n (A)	125A, 140A, 160A, 180A, 200A, 225A, 250A
Rated Insulated Voltage U _i	1000V DC
Rated Impulsed Voltage U _{imp}	8kV
1 Min Power Frequency Withstand Voltage	3.8 kV
Ultimate Breaking Capacity I _{cu}	20 kA
Run Breaking Capacity I _{cs}	10 kA
Over - current Release	Thermal , Electromagnetic

Pole	EDM3 - 250
Contacts Configurations	

Type	EDM3-250	
Tripping Type		
Control And Indication		Optional
Control Manual	Direct (RHD)	Optional
	Extended(ERH)	Optional
Service Life/Cycle Operation		
Mechanical		10000
Electrical		2000
Size (L x W x H)		166x78x113mm (EL 260x150x150mm)
Ingress Protection		IP20 (EL IP66)
Pollution Degree		III
Installation Environment		
Comply With		IEC60947-2 GB14048.2
Storage Temperature		-40°C~+85°C

Dimensions



EDM3 -250	Mounting panel	EDM3 -250/EL	Mounting panel
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Characteristic Curve

