

DC MOULDED CASE CIRCUIT BREAKER

EDM3 Series PV DC Moulded Case Circuit Breaker



EDM3 -250



EDM3 -250/EL

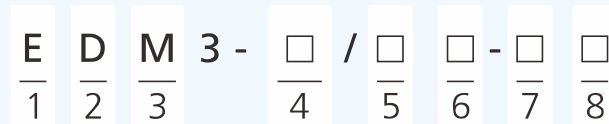
Product Application

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



Code	Name	Description
1	ASwich 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



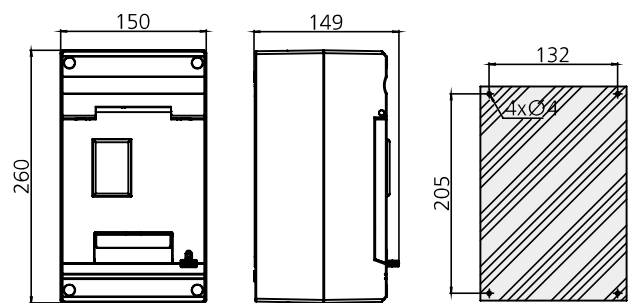
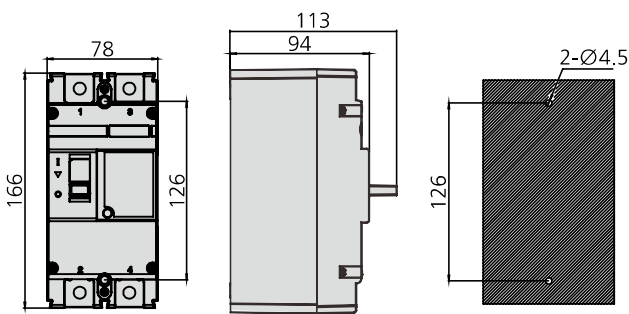
Technical Data

Type		EDM3-250
Pole		2P
Max Rated Current		250A
Electrical Characteristics		
Rated Working Voltage	Ue	500V DC
Rated Current	In(A)	125A, 140A,160A,180A, 200A, 225A,250A
Rated Insulated Voltage	Ui	1000V DC
Rated Impulsed Voltage	Uimp	8kV
1 Min Power Frequency Withstand Voltage		3.8 kV
Ultimate Breaking Capacity	Icu	20 kA
Run Breaking Capacity	Ics	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

