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Eaton 179257

Eaton PV Switch disconnecter, DC, 600V, 63 A

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PRODUCT NAME	Eaton PV disconnecter
CATALOG NUMBER	179257
PRODUCT LENGTH/DEPTH	113 mm
PRODUCT HEIGHT	77 mm
PRODUCT WIDTH	54 mm
PRODUCT WEIGHT	0.44 kg
COMPLIANCES	VDE RoHS conform



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SPECIAL FEATURES

- Ambient temperature hint: Maximum operating temperature is 75 °C in accordance with the de-rating table
- Mechanical and electrical operations acc. to IEC 60947-3. Category of utilization DC-PV2 or DC-PV1
- String protection of the PV generator

TYPE	Photovoltaik switch-disconnector
FEATURES	Version as maintenance-/service switch
ACTUATOR COLOR	Gray
UTILIZATION CATEGORY	DC-PV (EN 60947-3)
CLIMATIC PROOFING	IEC 60947-2
ACTUATOR TYPE	Rocker lever
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-20 °C
AMBIENT OPERATING TEMPERATURE DETAILS	-20 °C - 40 °C (40 °C - 75 °C derating)
AMBIENT STORAGE TEMPERATURE - MAX	75 °C
AMBIENT STORAGE TEMPERATURE - MIN	40 °C

APPLICATION

- Open areas
- Residential buildings
- Utility buildings

NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0

[eaton-wiring-diagram-schaltbild-pv-dis.jpg](#)

[eaton-dimensions-mas-pv-dis-ohne-rot.jpg](#)

NUMBER OF POLES	Two-pole
RATED INSULATION VOLTAGE (UI)	630 V
RATED OPERATING VOLTAGE (UE) - MAX	1000 V
RATED OPERATING VOLTAGE (UE) - MIN	600 V
VOLTAGE RATING	600 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
ISOLATION	Safe electrical isolation
CABLE MATERIAL	Copper, Cu
DEVICE CONSTRUCTION	Built-in device fixed built-in technique
RATED SHORT-TIME WITHSTAND CURRENT (ICW)	756 kA
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Frame clamp
CONTACT RATING AT DC - MAX	100 %
MOUNTING POSITION	As required
DEGREE OF PROTECTION	IP40 (when fitted) IP20 Other
DEGREE OF PROTECTION (FRONT SIDE)	IP20
SUITABLE FOR	Distribution board installation
FUNCTIONS	Voltage release optional
NUMBER OF SWITCHES	1
SHOCK RESISTANCE	IEC 60947-2
TERMINAL DIMENSIONS	2.5 mm ² - 50 mm ²
WIDTH IN NUMBER OF MODULAR SPACINGS	3
HOUSING COLOR	Gray
HOUSING MATERIAL	Plastic

