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## Eaton 179260

Eaton PV Switch disconnecter, DC, 600V,  
32A, rotary knob

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<b>PRODUCT NAME</b>	Eaton PV disconnecter
<b>CATALOG NUMBER</b>	179260
<b>PRODUCT LENGTH/DEPTH</b>	113 mm
<b>PRODUCT HEIGHT</b>	145 mm
<b>PRODUCT WIDTH</b>	54 mm
<b>PRODUCT WEIGHT</b>	0.527 kg
<b>COMPLIANCES</b>	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

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

**APPLICATION**

- Open areas
- Residential buildings
- Utility buildings

<b>NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)</b>	0
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)</b>	0

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

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

<b>NUMBER OF POLES</b>	Two-pole
<b>RATED INSULATION VOLTAGE (UI)</b>	1000 V
<b>RATED OPERATING VOLTAGE (UE) - MAX</b>	1000 V
<b>RATED OPERATING VOLTAGE (UE) - MIN</b>	600 V
<b>VOLTAGE RATING</b>	600 V
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4 kV
<b>ISOLATION</b>	Safe electrical isolation
<b>CABLE MATERIAL</b>	Copper, Cu
<b>DEVICE CONSTRUCTION</b>	Built-in device fixed built-in technique
<b>RATED SHORT-TIME WITHSTAND CURRENT (ICW)</b>	384 kA
<b>ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT</b>	Frame clamp
<b>CONTACT RATING AT DC - MAX</b>	100 %
<b>MOUNTING POSITION</b>	As required
<b>DEGREE OF PROTECTION</b>	Other IP20 IP40 (when fitted)
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	IP20
<b>SUITABLE FOR</b>	Distribution board installation
<b>FUNCTIONS</b>	Interlockable Voltage release optional
<b>NUMBER OF SWITCHES</b>	1
<b>SHOCK RESISTANCE</b>	IEC 60947-2
<b>TERMINAL DIMENSIONS</b>	2.5 mm <sup>2</sup> - 50 mm <sup>2</sup>
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	3
<b>HOUSING COLOR</b>	Gray
<b>HOUSING MATERIAL</b>	Plastic

