

**DC SB M 50A 2POL CG 1KV**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**General ordering data**

Version	Photovoltaics, Switch, Switch disconnecter, 1000 V, DC version, 50 A, Manual switch
Order No.	<a href="#">3123770000</a>
Type	DC SB M 50A 2POL CG 1KV
GTIN (EAN)	4099987271981
Qty.	1 items

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## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Depth	121.5 mm	Depth (inches)	4.7835 inch
Height	165 mm	Height (inches)	6.4961 inch
Width	140 mm	Width (inches)	5.5118 inch
Net weight	621 g		

### Temperatures

Ambient temperature	-30 °C...50 °C
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### Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

### Included in delivery

Included accessories	Article	Forked cable lugs
	Quantity	4

### General data

Protection degree	IP65
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### Classifications

ETIM 8.0	EC000216	ETIM 9.0	EC004830
ETIM 10.0	EC004830	ECLASS 14.0	27-07-02-03
ECLASS 15.0	27-07-02-03		

### Tender specification sheets

Long specification	<p>Load break switch in polyester housing.                  Suitable for switching off the DC side.                  Number of poles: 2                  Operating current, rated value (Ie):</p> <ul style="list-style-type: none"> <li>- according to IEC (PV1, 1000 V): 50 A</li> <li>- according to IEC (PV1, 1500 V): 20 A</li> <li>- according to IEC (PV2, 1000 V): 20 A</li> <li>- according to IEC (PV2, 1500 V): 8 A</li> </ul> <p>Rated insulation voltage (Ui):</p> <ul style="list-style-type: none"> <li>- according to IEC: 1500 V</li> </ul> <p>Suitability for use:                  Main switch: Yes                  Number of contacts normally open: 4</p>
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Number of contacts normally closed: 0  
Number of switching positions: 2  
Lockable: Yes  
The switch is mounted using 4 screws.  
Protection class (IP): 65  
Polyester housing with M25 cable Gland with multiple sealing inserts for PV conductor with max. conductor cross-section: 6 mm<sup>2</sup>.  
Dimensions HxWxD: 165x140x121.5 mm.  
Approval according to low voltage switchgear and controlgear IEC 60947-3, DIN VDE 0660 Part 107 (EN 60947-3)

