

DC SB M 50A 2POL EVO 1KV

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

www.weidmueller.com



General ordering data

Version	Photovoltaics, Switch, Switch disconnecter, 1000 V, DC version, 50 A, Manual switch
Order No.	3123790000
Type	DC SB M 50A 2POL EVO 1KV
GTIN (EAN)	4099987272001
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	704 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%

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"> - according to IEC (PV1, 1000 V): 50 A - according to IEC (PV1, 1500 V): 20 A - according to IEC (PV2, 1000 V): 20 A - according to IEC (PV2, 1500 V): 8 A <p>Rated insulation voltage (Ui):</p> <ul style="list-style-type: none"> - according to IEC: 1500 V <p>Suitability for use: Main switch: Yes Number of contacts normally open: 2 Number of contacts normally closed: 0 Number of switching positions: 2 Lockable: Yes The switch is mounted using 4 screws.</p>
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Protection class (IP): 65
Polyester housing with
connection via MC4-Evo
2 connector, compatible
with cable type TÜV 2
Pfg 1169/08.07 / EN
50618:2063
Dimensions HxWxD:
235x140x12.5 mm.
Approval according to low
voltage switchgear and
controlgear IEC 60947-3,
DIN VDE 0660 Part 107
(EN 60947-3)

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Drawings

