

DC SB M 50A 4POL CG 1KV**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

| | |
|------------|--|
| Version | Photovoltaics, Load break switch, 1000 V, DC version, 50 A, 4 pole, Manual switch, Cable gland |
| Order No. | 3123800000 |
| Type | DC SB M 50A 4POL CG 1KV |
| GTIN (EAN) | 4099987272018 |
| Qty. | 1 items |

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Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

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 | 644 g | | |

Temperatures

| | |
|---------------------|----------------|
| Ambient temperature | -30 °C...50 °C |
|---------------------|----------------|

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 | 8 |

General data

| | |
|-------------------|------|
| Protection degree | IP65 |
|-------------------|------|

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: 4 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: 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 mm².
Dimensions HxWxD: 165x140x121.5 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

