

AC SB M 100A 4POL CG 06KV

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

www.weidmueller.com



General ordering data

Version	Photovoltaics, Switch, Switch disconnecter, 600 V AC, 100 A, 4 pole, Manual switch
Order No.	3103170000
Type	AC SB M 100A 4POL CG 06KV
GTIN (EAN)	4099987148375
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	121.1 mm	Depth (inches)	4.7677 inch
Height	165 mm	Height (inches)	6.4961 inch
Width	140 mm	Width (inches)	5.5118 inch
Net weight	773 g		

Temperatures

Ambient temperature -25 °C...50 °C

Environmental Product Compliance

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

Guarantee

Time interval 5 years

General data

Standards	IEC 60947-3	Protection degree	IP66, IP65
Installation location	Protected outdoor area (>1 km from sea)		

Load break switch

Voltage type	AC	Nominal voltage	690 V
Nominal current	100 A	Number of contacts as NC contact	0
Rated mainly active load-breaking current	100 A	Connection type	Screw tension clamp 6 - 35 mm ²
Short Circuit Interrupt Capability	15 kA	Rated short-circuit making current	1500 A
Rated peak withstand current	1500 A	Number of breaking operation cycles at rated current	1500
Mechanical endurance class	M2 (10000)	Rated take-over current	600 A
Number of contacts as NO contact	4		

Connection

Design as main switch	Yes	Device with pre-assembled cabling	No
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Classifications

ETIM 8.0	EC000216	ETIM 9.0	EC000216
ETIM 10.0	EC000216	ECLASS 14.0	27-37-14-03
ECLASS 15.0	27-37-14-03		

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Tender specification sheets

Long specification

Load break Switch in polyester housing.
Suitable for disconnection on the AC side.
Number of poles: 4
Rated operational current (Ie) (Ie):
- according to IEC (AC-21): 100 A
Rated operational voltage (Ue):
- according to IEC: 690 V
Suitability for use:
Emergency Stop Switch: Yes
Main Switch: Yes
Number of contacts normally open: 4
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 knockouts for cable glands PG 16/21.
Dimensions HxWxD: 165x140x121 mm.
Approved according to Low-voltage Switchgear and Controlgear: IEC 60947-3, DIN VDE 0660 Part 107 (EN 60947-3)

