

AC SB M 32A 4POL CG 06KV

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

www.weidmueller.com



General ordering data

Version	Photovoltaics, Load break switch, Switch disconnecter, 600 V AC, 32 A, 4 pole, Manual switch
Order No.	3103140000
Type	AC SB M 32A 4POL CG 06KV
GTIN (EAN)	4099987148344
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	526 g		

Temperatures

Ambient temperature -25 °C...55 °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	IP65
Installation location	Protected outdoor area (>1 km from sea)		

Load break switch

Voltage type	AC	Nominal voltage	800 V
Nominal current	32 A	Number of normally closed contacts (NC)	0
Rated mainly active load-breaking current	32 A	Connection type	Screw tension clamp 1,5 - 10 mm ²
Short Circuit Interrupt Capability	10 kA	Rated short-circuit making current	400 A
Rated peak withstand current	10 kA	Number of breaking operation cycles (rated current)	1500
Mechanical endurance class	M2 (10000)	Rated take-over current	200 A
Number of normally open contacts (NO)	4		

Connection

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

Motor drive integrated	No	Type of actuator element	Wing knob
Motor drive optional	No	Voltage release optional	No

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Electrical characteristics

Rated permanent current (AC-23, 400 V) 22 A	Conditioned rated short-circuit current 10 kA
Rated operation power at AC-3, 400 V 7.5 kW	Switching power at 400 V, max. 11 kW
Rated operation power at AC-23, 400 V 11 kW	Rated permanent current (AC-21, 400 V) 32 A

Enclosure

Construction type of device	Field device	Suitable for front mounting centre	No
Suitable for intermediate mounting	No	Suitable for distribution board installation	No
Suitable for front mounting 4-hole	No		

Switch description

lockable	Yes	Design as emergency stop installation	Yes
Design as safety switch	No	Design as maintenance- / service switch	Yes
Number of switches	1	Neutral conductor with leading switching	Yes
Number of auxiliary contacts as normally closed contact	0	Number of auxiliary contacts as normally open contact	0
Design as reversing switch	No	Number of auxiliary contacts as change-over contact	0

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		

Tender specification sheets

Long specification	<p>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): 32 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.</p>
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Approved according to
Low-voltage Switchgear
and Controlgear: IEC
60947-3, DIN VDE 0660
Part 107 (EN 60947-3)

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Drawings

