

AC SB M 125A 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, 125 A, 4 pole, Manual switch
Order No.	3103180000
Type	AC SB M 125A 4POL CG 06KV
GTIN (EAN)	4099987148382
Qty.	1 items

AC SB M 125A 4POL CG 06KV

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	142 mm	Depth (inches)	5.5905 inch
Height	320 mm	Height (inches)	12.5984 inch
Width	205 mm	Width (inches)	8.0709 inch
Net weight	1773 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	415 V
Nominal current	125 A	Number of contacts as NC contact	0
Rated mainly active load-breaking current	125 A	Connection type	Screw connection
Rated short-circuit making current	2.1 kA	Rated peak withstand current	2.5 kA
Mechanical endurance class	M2 (10000)	Number of contacts as NO contact	4

Connection

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

Control element

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

Electrical characteristics

Rated permanent current at AC-23, 400 V 125 A Conditioned rated short-circuit current I_q 20 kA
 Switching power at 400 V, max. 86 kW Rated operation power at AC-23, 400 V 55 kW

AC SB M 125A 4POL CG 06KV

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

www.weidmueller.com

Technical data

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	No
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): 125 A Rated operational voltage (Ue): - according to IEC: 415 V Suitability for use: Emergency Stop Switch: No 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. Dimensions HxWxD: 320x205x142 mm. Approved according to Low-voltage Switchgear and Controlgear: IEC 60947-3, DIN VDE 0660 Part 107 (EN 60947-3)</p>
--------------------	---

AC SB M 125A 4POL CG 06KV

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

Drawings

www.weidmueller.com

