

## AC SB M 40A 4POL CG 06KV

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

[www.weidmueller.com](http://www.weidmueller.com)



### General ordering data

Version	Photovoltaics, Load break switch, Switch disconnecter, 600 V AC, 40 A, 4 pole, Manual switch
Order No.	<a href="#">3103150000</a>
Type	AC SB M 40A 4POL CG 06KV
GTIN (EAN)	409998714835 1
Qty.	1 items

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## Technical data

## Approvals

Approvals



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	529 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 IP66, IP65  
Installation location Protected outdoor area (>1 km from sea)

## Load break switch

Voltage type	AC	Nominal voltage	800 V
Nominal current	40 A	Number of contacts as NC contact	0
Rated mainly active load-breaking current	40 A	Connection type	Screw tension clamp 1,5 - 10 mm <sup>2</sup>
Short Circuit Interrupt Capability	10 kA	Rated short-circuit making current	500 A
Rated peak withstand current	10 kA	Number of breaking operation cycles at rated current	1500
Mechanical endurance class	M2 (10000)	Rated take-over current	240 A
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

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### Electrical characteristics

Rated permanent current at AC-23, 400 V	28 A	Conditioned rated short-circuit current Iq	10 kA
Rated operation power at AC-3, 400 V	11 kW	Switching power at 400 V, max.	15 kW
Rated operation power at AC-23, 400 V	15 kW	Rated permanent current at AC-21, 400 V	40 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	EC0002 16	ETIM 9.0	EC0002 16
ETIM 10.0	EC0002 16	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): 40 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.</p>
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Dimensions HxWxD:  
165x140x121 mm.  
Approved according to  
Low-voltage Switchgear  
and Controlgear: IEC  
60947-3, DIN VDE 0660  
Part 107 (EN 60947-3)

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Drawings

