

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

AC SB M 32A 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	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 contacts as NC contact	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 at rated current	1500
Mechanical endurance class	M2 (10000)	Rated take-over current	200 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

AC SB M 32A 4POL CG 06KV

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

www.weidmueller.com

Technical data

Electrical characteristics

Rated permanent current at AC-23, 400 V	22 A	Conditioned rated short-circuit current Iq	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 at 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	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): 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.</p>
--------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

AC SB M 32A 4POL CG 06KV

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

Technical data

www.weidmueller.com

Dimensions HxWxD:
165x140x121 mm.
Approved according to
Low-voltage Switchgear
and Controlgear: IEC
60947-3, DIN VDE 0660
Part 107 (EN 60947-3)

AC SB M 32A 4POL CG 06KV

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

www.weidmueller.com

Drawings

