

AC SB E 5A 1POL PO 06KV

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

www.weidmueller.com



General ordering data

Version	Photovoltaics, Emergency stop button, 1 pole, 600 V AC, 5 A, Complete enclosure
Order No.	3077660000
Type	AC SB E 5A 1POL PO 06KV
GTIN (EAN)	4099987081887
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	117 mm	Depth (inches)	4.6063 inch
Height	80 mm	Height (inches)	3.1496 inch
Width	72 mm	Width (inches)	2.8346 inch
Net weight	233 g		

Temperatures

Ambient temperature	-25 °C...70 °C	Humidity	5 to 95 % (non-condensing)
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Environmental Product Compliance

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

Guarantee

Time interval	5 years
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Enclosure

Type of mounting	4 screws
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General data

Protection degree	IP66
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Emergency stop button

Type of mounting	4 screws	Status indicator	2-stage
Max. continuous voltage, Uc (AC)	500 V	Max. continuous voltage, Uc (DC)	212 V
Number of contacts as NC contact	1	Degree of protection (NEMA)	1
Diameter of button element	45 mm	Unlocking method	Turn-release
Status indicator available	Yes	Number of contacts as NO contact	1

Classifications

ETIM 8.0	EC002034	ETIM 9.0	EC002034
ETIM 10.0	EC002034	ECLASS 14.0	27-37-12-44
ECLASS 15.0	27-37-12-44		

Tender specification sheets

Long specification	PV emergency stop switch. Suitable for remote triggering of a fireman
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switch to switch off the AC side.

Max. Continuous voltage, Uc (AC): 500 V

Max. Continuous voltage, Uc (DC): 212 V The switch is unlocked via a rotary release.

Number of contacts as NO contact: 1

Number of contacts as NC contacts: 1

Number of switching positions: 2 The switch is mounted using 4 screws.

The electrical connection is made via cable glands.

Protection class (IP): 65

Protection class (NEMA): 4X

Complete device with protective collar.

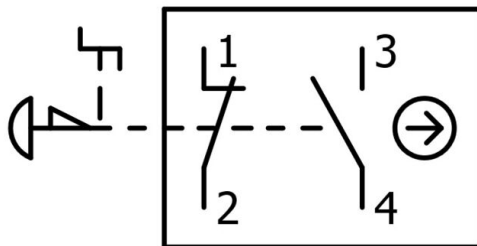
Dimensions HxWxD: 80x72x117 mm.

Approval according to low voltage switchgear EN 60947-1:2007 + A1:2011 + A2:2014

Data sheet

AC SB E 5A 1POL PO 06KV

Drawings



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Accessories

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Fireman Switch



For safe remote shutdown Rooftop photovoltaic systems can require a disconnection device at the point where the cables enter into the building, that is connected to the power grid in the building. This allows the fire brigade to carry out their work in an emergency without being unnecessarily endangered. When the power supply is restored, the PV Next Fireman Switch automatically reconnects the PV strings.

General ordering data

Type	PVC DC 2I 10 2MPP RD SP...	Version
Order No.	8000098970	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1100 V, 2
GTIN (EAN)	4099986665293	MPP's, 2 Inputs / 1 Output per MPP, Surge protection I / II, Remote
Qty.	1 ST	disconnecter, MC4-Evo 2
Type	PVC DC 2I 10 2MPP RD SP...	Version
Order No.	8000114374	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1100 V, 2
GTIN (EAN)	4099986766976	MPP's, 2 Inputs / 1 Output per MPP, Surge protection I / II, Remote
Qty.	1 ST	disconnecter, WM4C
Type	PVC DC 2I 10 4MPP RD EV...	Version
Order No.	8000111429	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1100 V, 4
GTIN (EAN)	4099986853614	MPP's, 2 Inputs / 1 Output per MPP, Remote disconnecter, MC4-Evo
Qty.	1 ST	2
Type	PVC DC 2I 10 4MPP RD SP...	Version
Order No.	8000110665	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1100 V, 4
GTIN (EAN)	4099986786530	MPP's, 2 Inputs / 1 Output per MPP, Surge protection I / II, Remote
Qty.	1 ST	disconnecter, MC4-Evo 2
Type	PVC DC 2I 10 4MPP RD SP...	Version
Order No.	8000115470	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1100 V, 4
GTIN (EAN)	4099986849969	MPP's, 2 Inputs / 1 Output per MPP, Surge protection I / II, Remote
Qty.	1 ST	disconnecter, WM4C
Type	PVC DC 2I 10 4MPP RD WM...	Version
Order No.	8000115472	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1100 V, 4
GTIN (EAN)	4099986878853	MPP's, 2 Inputs / 1 Output per MPP, Remote disconnecter, WM4C
Qty.	1 ST	
Type	PVC DC 2I 10 6MPP RD EV...	Version
Order No.	8000111430	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1100 V, 6
GTIN (EAN)	4099986875555	MPP's, 2 Inputs / 1 Output per MPP, Remote disconnecter, MC4-Evo
Qty.	1 ST	2
Type	PVC DC 2I 10 6MPP RD SP...	Version
Order No.	8000111274	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1100 V, 6
GTIN (EAN)	4099986883994	MPP's, 2 Inputs / 1 Output per MPP, Remote disconnecter, Surge
Qty.	1 ST	protection I / II, MC4-Evo 2
Type	PVC DC 2I 10 6MPP RD SP...	Version
Order No.	8000115471	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1100 V, 6
GTIN (EAN)	4099986884205	MPP's, 2 Inputs / 1 Output per MPP, Remote disconnecter, Surge
Qty.	1 ST	protection I / II, WM4C
Type	PVC DC 2I 10 6MPP RD WM...	Version
Order No.	8000115473	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1100 V, 6
GTIN (EAN)	4099986874275	MPP's, 2 Inputs / 1 Output per MPP, Remote disconnecter, WM4C
Qty.	1 ST	

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Type	PVC DC 2I 2O 10MPP RD E...	Version
Order No.	8000130051	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 10 MPP's, 2
GTIN (EAN)	4099987124980	Inputs / 2 Outputs per MPP, Remote disconnecter, MC4-Evo 2, 1100
Qty.	1 ST	V
Type	PVC DC 2I 2O 10MPP RD S...	Version
Order No.	3149710000	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 10 MPP's,
GTIN (EAN)	4099987599900	2 Inputs / 2 Outputs per MPP, Surge protection I / II, Remote
Qty.	1 ST	disconnecter, Cable gland, 1100 V
Type	PVC DC 2I 2O 10MPP RD S...	Version
Order No.	8000130058	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 10 MPP's,
GTIN (EAN)	4099987231763	2 Inputs / 2 Outputs per MPP, Surge protection I / II, Remote
Qty.	1 ST	disconnecter, MC4-Evo 2, 1100 V
Type	PVC DC 2I 2O 10MPP RD S...	Version
Order No.	8000130053	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 10 MPP's,
GTIN (EAN)	4099987231770	2 Inputs / 2 Outputs per MPP, Surge protection I / II, Remote
Qty.	1 ST	disconnecter, WM4C, 1100 V
Type	PVC DC 2I 2O 10MPP RD W...	Version
Order No.	8000130052	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 10 MPP's, 2
GTIN (EAN)	4099987124997	Inputs / 2 Outputs per MPP, Remote disconnecter, WM4C, 1100 V
Qty.	1 ST	
Type	PVC DC 2I 2O 12MPP RD E...	Version
Order No.	8000130054	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 12 MPP's, 2
GTIN (EAN)	4099987125000	Inputs / 2 Outputs per MPP, Remote disconnecter, MC4-Evo 2, 1100
Qty.	1 ST	V
Type	PVC DC 2I 2O 12MPP RD S...	Version
Order No.	3149720000	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 12 MPP's,
GTIN (EAN)	4099987599917	2 Inputs / 2 Outputs per MPP, Surge protection I / II, Remote
Qty.	1 ST	disconnecter, Cable gland, 1100 V
Type	PVC DC 2I 2O 12MPP RD S...	Version
Order No.	8000130056	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 12 MPP's,
GTIN (EAN)	4099987231794	2 Inputs / 2 Outputs per MPP, Surge protection I / II, Remote
Qty.	1 ST	disconnecter, MC4-Evo 2, 1100 V
Type	PVC DC 2I 2O 12MPP RD S...	Version
Order No.	8000130057	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 12 MPP's,
GTIN (EAN)	4099987231800	2 Inputs / 2 Outputs per MPP, Surge protection I / II, Remote
Qty.	1 ST	disconnecter, WM4C, 1100 V
Type	PVC DC 2I 2O 12MPP RD W...	Version
Order No.	8000130055	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 12 MPP's, 2
GTIN (EAN)	4099987125024	Inputs / 2 Outputs per MPP, Remote disconnecter, WM4C, 1100 V
Qty.	1 ST	
Type	PVN DC 2I 1O 1MPP RD CG...	Version
Order No.	2778850000	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1 MPP, 2
GTIN (EAN)	4064675047605	Inputs / 1 Output per MPP, Remote disconnecter, Cable gland, 1100
Qty.	1 ST	V
Type	PVN DC 2I 1O 1MPP RD EV...	Version
Order No.	2888520000	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1 MPP, 2
GTIN (EAN)	4064675875567	Inputs / 1 Output per MPP, Remote disconnecter, MC4-Evo 2, 1100 V
Qty.	1 ST	
Type	PVN DC 2I 1O 1MPP RD WM...	Version
Order No.	2778860000	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 1 MPP, 2
GTIN (EAN)	4064675047612	Inputs / 1 Output per MPP, Remote disconnecter, WM4C, 1100 V
Qty.	1 ST	

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Type	PVN DC 2I 1O 2MPP RD CG...	Version
Order No.	2778870000	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 2 MPP's, 2
GTIN (EAN)	4064675047629	Inputs / 1 Output per MPP, Remote disconnecter, Cable gland, 1100
Qty.	1 ST	V
Type	PVN DC 2I 1O 2MPP RD EV...	Version
Order No.	2888530000	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 2 MPP's, 2
GTIN (EAN)	4064675875574	Inputs / 1 Output per MPP, Remote disconnecter, MC4-Evo 2, 1100 V
Qty.	1 ST	
Type	PVN DC 2I 1O 2MPP RD WM...	Version
Order No.	2778880000	Photovoltaics, Combiner Box, Fireman's switch, PV Next, 2 MPP's, 2
GTIN (EAN)	4064675047636	Inputs / 1 Output per MPP, Remote disconnecter, WM4C, 1100 V
Qty.	1 ST	