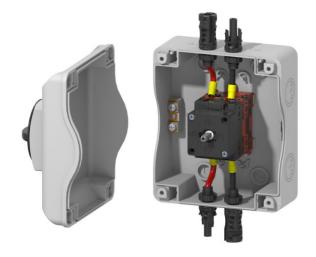
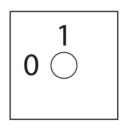


Cod. IBP10012120ABMC





Position



Standard and Approvals

• Switch according to IEC 60947-3:2021

CE

Technical features: Enclosure

- ABS double insulation thermoplastic enclosure, UV resistant
- Grey plate 36x36 mm and black padlockable knob (up to 3 padlocks)
- Switching angle: 90°
- Cover interlock in "ON" position
- Front drive
- IP65 Protection degree
- Fixing enclosure: 4 screws at 60x115 mm or 97x142 mm
- Cover fixing screws tightening torque: 1,4 Nm ±10%
- 4x MC4 connectors (2x each side), model STAUBLI EVO2 reference 32.0347P0001 and 32.0346P0001
- IN+/- and OUT+/- markings

Technical features: DC disconnect switch

- Rated operational current in the enclosure (Ie): 12 A
- Rated operational voltage in the enclosure (Ue): 1000 V
- Rated thermal current (Ith): 50 A
- Rated insulation voltage (Ui): 1500 V
- Switching angle: 90°
- Class V0 self-extinguishing thermoplastic housing
- Assembled with metal shaft to ensure maximum operating reliability

Layer 3 4 1 2 Marking +1 -1 Е Е м 6 9 Р 0 0 т т 8 G Y Marking -1 +1 0/OFF I/ON Х Х

Electrical diagram

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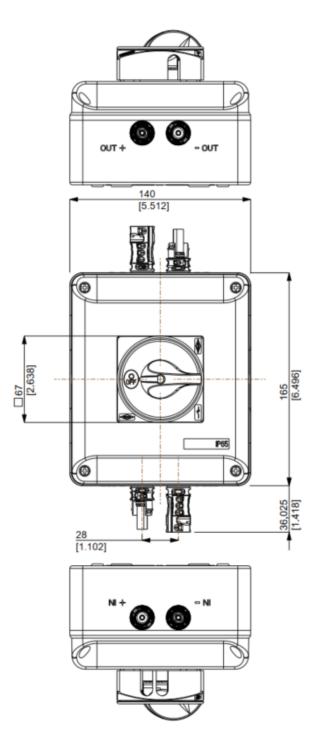


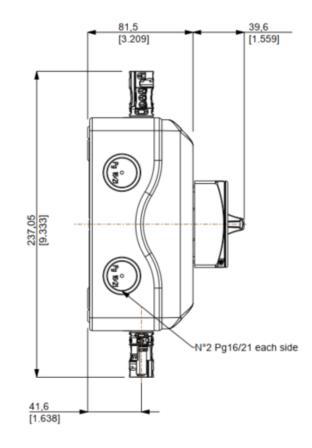
Bremas Ersce S.p.A. Via Castellazzo 9 – 20040 Cambiago (MI) Tel +39 02 95651611 Fax+39 02 95651639 www.bremas.it info@bremas.it ISO 9001 Certified Quality System

Cod. IBP10012120ABMC

Dimensions

measures in mm [in]





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IBP10012120ABMC

Technical data of the DC disconnect switch

Technical data according to IEC 60947-3:2021

reclinical data according to IEC 60947-3.2021				
Utilization category			PV1 (DC-21B)	PV2
Rated operational voltage	Ue	Vdc	1000	1000
Rated operational current	le	Adc	12	4
Rated operational voltage (second rating)	Ue	Vdc	750	750
Rated operational current (second rating)	le	Adc	25	10
Rated operational voltage (third rating)	Ue	Vdc	600	600
Rated operational current (third rating)	le	Adc	32	16
Rated operational voltage (fourth rating)	Ue	Vdc	-	-
Rated operational current (fourth rating)	le	Adc	-	-
Rated operational voltage (fifth rating)	Ue	Vdc	-	-
Rated operational current (fifth rating)	le	Adc	-	-
Rated operational voltage (sixth rating)	Ue	Vdc	-	-
Rated operational current (sixth rating)	le	Adc	-	-
Rated thermal current	lth	Α	50	
DC Poles		Nr.	2	
Rated conditional short-circuit current		kA	5	
Rated insulation voltage	Ui	V dc	1500	
Rated impulse withstand voltage	Uimp	kV	8	
Rated short-time withstand current (1 s)	Icw	Α	780	
Rated short-circuit making capacity	Icm	kA	1,4	
Power loss per layer at 20 A / 50 A		W	0,2/1,25	
Maximum size of the fuse for the short-circuit protection	gPV	Α	50	
Ambient conditions				
Pollution degree ins.			2	
Operational ambient temperature		°C	-30 ÷ +50	
Storage ambient temperature		°C	-30 ÷ +85	
Damp heat test IEC 60068-2-30			90-100% RH at +55 °C	

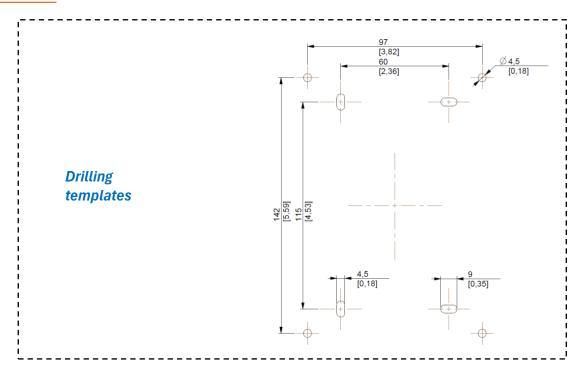
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CE



Dimensions



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