DK100163M0AVDMG

BREMAS BETTER SWITCHES

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ISO 9001 Certified Quality System

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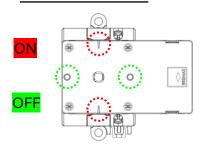
Disconnect switch				7)
Technical data according to IEC 60947-3:2021				
Utilization category			PV1 (DC-21B)	PV2
Rated operational voltage	Ue	V dc	1200	-
Rated operational current	le	Α	8	-
Rated operational voltage (second rating)	Ue	V dc	1000	1000
Rated operational current (second rating)	le	Α	16	6
Rated operational voltage (third rating)	Ue	V dc	750	750
Rated operational current (third rating)	le	Α	32	12
Rated operational voltage (fourth rating)	Ue	V dc	-	700
Rated operational current (fourth rating)	le	Α		16
Rated operational voltage (fifth rating)	Ue	V dc	500	-
Rated operational current (fifth rating)	le	A	50	-
Rated operational voltage (sixth rating)	Ue	V dc		-
Rated operational current (sixth rating)	le	A		
Rated thermal current	Ith	A	50	
DC Poles		Nr.	6	
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)	lcw	A kA	780 1.4	
Rated short-circuit making capacity	Icm	W		
Power loss per layer at 20 A / 50 A	-01/		0,2 / 1,25 50	
Maximum size of the fuse for the short-circuit protection	gPV	Α	50	
Mechanical characteristics Type of mounting			Double n Fixing with nut by I	116x1,5 mm hole
1			Back-side for DIN	rail or 2 screws
Layers		Nr.	8	
Terminal screws orientation			Head up Stainless steel	
External metal parts (screws, shaft)		2		
Cross-section of flexible/solid wires	Max.	mm² AWG	2x 6 2x 10	
Cross-section of wires with fork lug	Max.	mm² AWG	1x 16 1x 6	
Minimum required fine wire cross-section: IEC 60947-1, table 9				
Terminal screws type			M4 – I	PH2
Terminal screws tightening torque		Nm	1,7 ±10%	
Fixing screws tightening torque		Nm	1,1 ±10%	
Panel thickness	Max.	mm	4	
Net weight		g	495	
Protection degree IEC 529 EN 60529		. J		
To the terminal			IP20	
Ambient conditions			11.2	
			_	
Pollution degree ins.			2	
Operational ambient temperature		°C	-30 ÷ +50	
Storage ambient temperature			-30 ÷ +85 90-100% RH at +55 °C	
Damp heat test IEC 60068-2-30		°C		

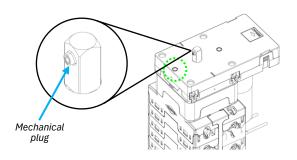
Motor driven actuator

Motor characteristics					
Rated operational voltage	Ue	V dc	24 ±5%		
Rated operational current	le	Α	0,4		
Stall current	Max.	Α	1,4		
Free-load current		Α	0,10		
Free-load speed	Max.	rpm	20 ±3		
Rated load current		Α	0,15		
Rated load speed		rpm	17,6 ±2		
Output power at Max. efficiency		W	1,55		
Terminal type			Solder (supplied with wiring)		
Pre-soldered cables length		mm	300		
Protection degree to the terminals			IP00*		
Operating features					
Rotation direction		Clockwise (90deg)			
Position (disconnect switch)		OFF at 09:00 and 03:00 o'clock ON at 12:00 and 06:00 o'clock			
Position (status indicator)		Rotary disc with static window at 09:00 o'clock			

^{*} Pre soldered wiring with heat-shrink sheath

Position (disconnect switch)

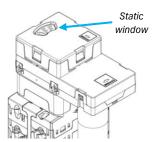




Position (status indicator)







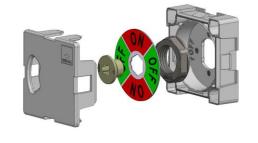
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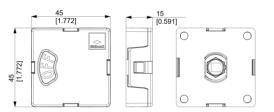
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Product image









Electrical Diagram

