

Bremas Ersce SpA Via castellazzo 9 - 20040 Cambiago (MI) Tel +39 02 95651611 Fax +39 02 95651639 www.bremas.eu info@bremas.it

ISO 9001 Certified Quality System

DP10012320ALMVU6

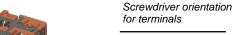




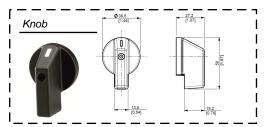


Technical data according to IEC 60947-3:2015/A2 Ann	exD					
Utilization category			PV1 (DC21B)	PV2		
Rated operational voltage	Ue	V dc	1000	1000		
Rated operational current	le	A dc	12	4		
Rated operational voltage (second rating)	Ue	V dc	750	750		
Rated operational current (second rating)	le	A dc	25	10		
Rated operational voltage (third rating)	Ue	V dc	600	600		
Rated operational current (third rating)	le	A dc	32	16		
Rated thermal current	Ith	Α	50			
DC Poles		Nr.	6			
Rated conditional short-circuit current			5kA			
Rated insulation voltage	Ui	V dc	1.500			
Rated impulse withstand voltage	Uimp	kV	8			
Rated short-time withstand current (1s)	lcw	Α	780			
Rated short-circuit making capacity	lcm	kA	1,4			
Power loss per layer at 20A/50A		W				
Max fuse size for short circuit protection	gPV	Α	50			

Rated insulation voltage	Ui	V dc	1.500
Rated impulse withstand voltage	Uimp	kV	8
Rated short-time withstand current (1s)	lcw	Α	780
Rated short-circuit making capacity	Icm	kA	1,4
Power loss per layer at 20A/50A		W	0,2/1,25
Max fuse size for short circuit protection	gPV	Α	50
Mechanical characteristics			
Type of mounting			Panel mounting Head Up Screws M16 L=12mm fixing
Layers		Nr.	6
Screwdriver orientation for terminals			Head up
External metal parts (Screws, shaft)			Stainless steel
Terminal capacity with flexible/solid wires	Max	mm² AWG	2x6 2x10
Terminal capacity with fork terminals	Max	mm² AWG	1x16 1x6
Thread dimensions for terminal screws			M4
Terminal screws tightening torque		Nm	1,7 ± 10%
Tightening torque panel mounting nut		Nm	2+/-10%
Tightening torque M3 screw in the actuator		Nm	0,6 ± 10%
Panel tickness		mm	Max 4
Shaft protrusion		mm	27
Actuator operation forces		Nm	1,5
Net Weight		g	305
Protection degree IEC 529 EN 60529			
Switch IP terminal			IP20
Switch IP rating mounted on panel			IP66
Ambient conditions			
Pollution degree ins.			2
Operational ambient temperature			-40°C ÷ +70°C
Storage ambient temperature			-40°C ÷ +85°C
Damp heat test IEC60068-2-30			90-100% RH at +55 °C
Knob			UV resistant







Positions



Electrical Diagram

Layer	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	I
Marking	-3	+3	-2	+2	-1	+1										
Marking	-3	+3	-2	+2	-1	+1										
0/OFF																
	X	X	X	X	Х	X										T

Dimensions

