Pollution degree ins.

Knob

Operational ambient temperature

Storage ambient temperature

Damp heat test IEC60068-2-30



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ISO 9001 Certified Quality System

DK10016220ALMVU6





2

-40°C ÷ +70°C

-40°C ÷ +85°C

90-100% RH at +55 °C UV resistant

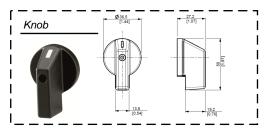


Utilization category			PV1 (DC21B)	PV2		
	Ue	V dc	1200			
Rated operational current	le	A dc	8			
Rated operational current		V dc	-			
Rated operational voltage (second rating)	Ue		1000	1000		
Rated operational current (second rating)	le	A dc	16	6		
Rated operational voltage (third rating)	Ue	V dc	750	750		
Rated operational current (third rating)	le	A dc	32	12		
Rated operational voltage (fourth rating)	Ue	V dc	-	700		
Rated operational current (fourth rating)	le	A dc	-	16		
Rated operational voltage (fifth rating)	Ue	V dc	500	-		
Rated operational current (fifth rating)	le	A dc	50	-		
Rated thermal current	Ith	Α	50			
DC Poles		Nr.	4			
Rated conditional short-circuit current			5k	A		
Rated insulation voltage	Ui	V dc	1.500			
Rated impulse withstand voltage	Uimp	kV	8			
Rated short-time withstand current (1s)	lcw	Α	78	0		
Rated short-circuit making capacity	Icm	kA	1,	4		
Power loss per layer at 20A/50A		W	0,2/1	1,25		
Max fuse size for short circuit protection	gPV	Α	50)		
Mechanical characteristics						
Type of mounting			Panel mounting Head Up Screws N L=12mm fixing			
Layers		Nr.	4			
Screwdriver orientation for terminals			Head	d up		
External metal parts (Screws, shaft)			Stainles	s steel		
Terminal capacity with flexible/solid wires	Max	mm²	2x6 2x10			
		AWG mm²	1x1			
Terminal capacity with fork terminals	Max	AWG	1x			
Thread dimensions for terminal screws			М	4		
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	Ma	x 4		
Shaft protrusion		mm	2	7		
Actuator operation forces		Nm	1,	5		
Net Weight		g	23	0		
Protection degree IEC 529 EN 60529						
Switch IP terminal			IP2	10		
Switch IP rating mounted on panel			IP6	56		
Switch ir rating mounted on paner			ir c			



Screwdriver orientation for terminals





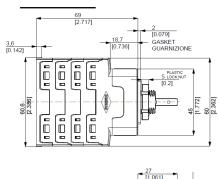
Positions

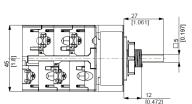


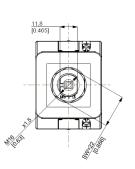
Electrical Diagram

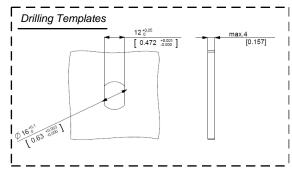
Layer	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Marking	-2	+2	-1	+1												
	ام	ام	اً	ام												
	١٩	0	١٥	0												
Marking	. I	Ĭ.	Ϊ	Ĭ												
Marking 0/OFF	•	•	•	•												

Dimensions









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