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ISO 9001 Certified Quality System

DP10012420AVMVU6

Operational ambient temperature

Storage ambient temperature

Damp heat test IEC60068-2-30





-40°C ÷ +70°C

-40°C ÷ +85°C

90-100% RH at +55 °C UV resistant

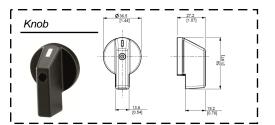


Utilization category			PV1 (DC21B)	PV2			
Rated operational voltage	Ue	V dc	1000	1000			
Rated operational current	le	A dc	12	4			
Rated operational current Rated operational voltage (second rating)	Ue	V dc	750	750			
Rated operational current (second rating)	le	A dc	25	10			
Rated operational current (second rating) Rated operational voltage (third rating)	Ue	V dc	600	600			
	le	A dc	32	16			
Rated operational current (third rating) Rated thermal current		11.00					
	Ith	A	50				
DC Poles		Nr.	8				
Rated conditional short-circuit current			5kA				
Rated insulation voltage	Ui	V dc	1.500				
Rated impulse withstand voltage	Uimp	kV		3			
Rated short-time withstand current (1s)	Icw	А	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	5	0			
Mechanical characteristics							
Type of mounting			Double mounting (Head Up Screws panel with M16 L=12mm fixing /Back for DIN rail				
Layers		Nr.	8				
Screwdriver orientation for terminals			Hea	d up			
External metal parts (Screws, shaft)			Stainless steel				
Terminal capacity with flexible/solid wires	Max	mm²	2x6				
Terminal capacity with next step solid wifes	11107	AWG mm²		10 16			
Terminal capacity with fork terminals	Max	AWG	1x6				
Thread dimensions for terminal screws			N	14			
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	380				
Protection degree IEC 529 EN 60529							
Switch IP terminal			IP:	20			
Switch IP rating mounted on panel			IP	56			
Ambient conditions	<u> </u>						
Pollution degree ins.			2	2			



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	-4	+4	-3	+3	-2	+2	-1	+1								
Marking	-4	+4	-3	+3	-2	+2	-1	+1								
0/OFF																
0/011					X	Х	Х	Х								

Dimensions

