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ISO 9001 Certified Quality System

DX150304EUAVMVU5

Damp heat test IEC60068-2-30

Knob





90-100% RH at +55 °C UV resistant

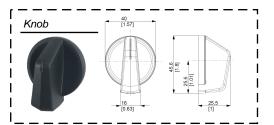


Utilization category			PV1 (DC21B)	PV2			
Rated operational voltage	Ue	V dc	1500	1500			
Rated operational current	le	A dc	20	8			
Rated operational voltage (second rating)	Ue	V dc	1300	1300			
Rated operational current (second rating)	le	A dc	25	10			
Rated operational voltage (third rating)	Ue	V dc	1250	1250			
Rated operational current (third rating)	le	A dc	30	12			
Rated operational voltage (fourth rating)	Ue	V dc	1000	1000			
Rated operational current (fourth rating)	le	A dc	50	20			
Rated operational voltage (fifth rating)	Ue	V dc	-	800			
Rated operational current (fifth rating)	le	A dc	-	30			
Rated thermal current	Ith	Α	50				
DC Poles		Nr.	8				
Rated conditional short-circuit current			5kA				
Rated insulation voltage	Ui	V dc	1.50	0			
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			Double mounting (Head Up Screws) panel with M16 L=12mm fixing /Back for DIN rail				
Layers		Nr.	9				
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		AWG	M4				
Terminal screws tightening torque		Nm	1,7 ± 1				
Tightening torque panel mounting nut		Nm	2+/-1				
Tightening torque M3 screw in the actuator		Nm	0,6 ± 10%				
Panel tickness		mm	Max				
Shaft protrusion		mm	27				
Actuator operation forces		Nm	1,5				
Net Weight		g	418				
Protection degree IEC 529 EN 60529		, ,					
Switch IP terminal			IP20)			
Switch IP rating mounted on panel			IP66				
Ambient conditions		1					
Pollution degree ins.			3				
Operational ambient temperature			-40°C ÷ +	-70°C			
		_					
Storage ambient temperature			-40°C ÷ +	-85°C			



Screwdriver orientation for terminals





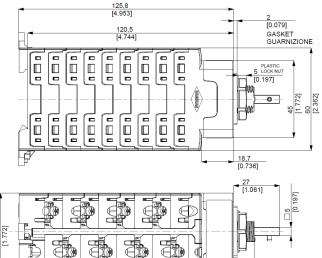
Positions

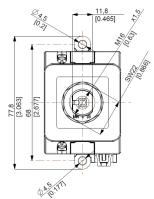


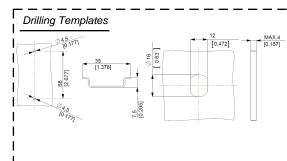
Electrical Diagram

Layer	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Marking	-4	+4	-3	+3	-2	+2	-1	+1								
									E M P T Y							
Marking	-4	+4	-3	+3	-2	+2	-1	+1								
0/OFF																
I/ON	Χ	Χ	X	Х	Χ	X	X	Х								

Dimensions







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