

7GN12510O0679

Product designation				Rotary cam switches
Product type designati General characteristics				7GN125
Switching diagram				108 - Multi-step 0-1-2-3 1 pole
N° of elements				2
Mounting form				U - Front mounting with black handle
Contact characteristics	3			
Rated insulation voltag	le Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand voltage Uimp			kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	A	125
Dete den enetien el celt		UL/CSA	<u>A</u>	130
Rated operational volta		V kV	690	
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)			KV	6
Maximum ruse size ioi	shon-circuit protection in (gG)	10kA	А	125
		15kA	A	100
		25kA	A	100
		50kA	A	100
		63kA	A	100
Rated short time curre	nt Icw			
		1s	А	2100
Conductivity				10/5 mA/V
Operational current le IEC/EN				
	AC1/AC21A			
			А	125
	AC15			
		110V	А	40
		220/230V	А	28
		380/400V	А	15
		660/690V	A	5
Rated operational pow				
	Three-phase AC-3	000/0001/		40 5
		220/230V	kW	18.5
		380/440V 500/690V	kW kW	37 33
	Single-phase AC-3	500/090V	K V V	33
	Single-phase AC-5	110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A			
		220/230V	kW	30
		380/440V	kW	45
		500/690V	kW	37
	Single-phase AC23A			
		110V	kW	5
		220/230V	kW	11

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		380/440V	kW	15
Rated operational cur				
	DC21A			
		48V	Α	125
		60V	A	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)	0.07		
		24V	A	125 (1)
		48V 60V	A	125 (2)
		110V	A	125 (3)
		220V	A A	50 (3) 20 (4)
	DC13	2201	A	20 (4)
	DC13	24V	А	125
		24 V 48 V	A	125
		40V 60V	A	50
		110V	A	4
Power dissipation		1100	 	6.3
Mechanical features			vv	0.0
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size				2
	AWG - Rigid cable			
	Awe high cable	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	IVICA	700	1/0
	AWO - Tiexible Cable	min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	IVICA	700	1/0
		min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable	Max		00
		min	mm²	2.5
		Max	mm²	50
Mechanical life		max	cycles	1X10 ⁶
UL technical data			eyelee	i)(10
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			
	<u> </u>	120V	HP	5
		240V	HP	15
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

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complete

 Resistance & Protection

 Frontal IP degree
 IP40

 Terminals IP degree
 IP00

 ETIM classification
 EC001029

 ETIM 8.0
 Selector switch,

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