

7GN1251100 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4-5, 1 POLE 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

				Rotary cam
Product designation				switches
Product type designat				7GN125
General characteristic	S			440 Multi stor
Switching diagram				110 - Multi-step 0-1-2-3-4-5 1 pole
N° of elements				3
Mounting form				O - Rear mounting with black handle
Contact characteristic				
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	inermal current Ith			405
		IEC/EN	A	125
Rated operational vol	tago	UL/CSA	A V	130 690
Rated operational imp			kV	6
· · · · ·	or short-circuit protection In (gG)		κv	0
	short offour protostori in (ge)	10kA	А	125
		15kA	A	100
		25kA	А	100
		50kA	А	100
		63kA	А	100
Rated short time curre	ent Icw	1s	kA	2100
Conductivity				10/5 mA/V
Operational current le	EC/EN			
	AC1/AC21A			
			Α	125
	AC15			
		110V	A	40
		220/230V	A	28
		380/400V 660/690V	A A	15 5
Rated operational pov	ver in AC	000/090 v	A	5
	Three-phase AC-3			
		220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
	Single-phase AC-3			
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A	000/0001/	1.3.47	20
		220/230V 380/440V	kW	30
		380/440V 500/690V	kW kW	45 37
	Single-phase AC23A	500/030V	IX V V	
		110V	kW	5
		220/230V	kW	11

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		380/440V	kW	15
Rated operational cu				
	DC21A			
		48V	A	125
		60V	A	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)	2414		
		24V	A	125 (1)
		48V	A	125 (2)
		60V	A	125 (3)
		110V 220V	A A	50 (3) 20 (4)
	DC12	2200	A	20 (4)
	DC13	241/	^	405
		24V 48V	A	125
			A	100
		60V	A	50
Dewer dissigntion		110V	<u>A</u>	4
Power dissipation			W	6.3
Mechanical features				MONE
Terminals screw	to an Manda and		N.L.,	M2X5
Tightening torque for	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct				
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			
		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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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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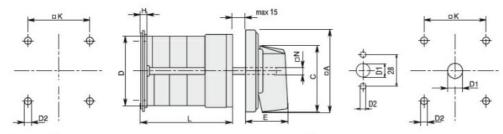
IP40 IP00

Resistance & Protection

Frontal IP degree

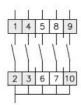
Terminals IP degree

Dimensions



Corioo	Dimensions					L Number of elements														
Series	□A	С	ØD	ØD2	E	Н	۵K	۵N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN25	48	39.5	43	5	26.5	5	36	6	42.5	56.1	69.7	83.3	96.9	110.5	124.1	137.7	151.3	164.9	178.5	192.1
7GN32	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN40	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN63	65	53	62	6	34.5	7.5	68	7	53.3	71.4	89.5	107.6	125.7	143.8	161.9	180	198.1	216.2	234.3	252.4
7GN125	90	70.5	86	6	41.4	7.5	68	9	74.8	103.9	133	162.1	191.2	220.3	249.4	278.5	307.6	336.7	365.8	394.9

Wiring diagrams



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-	V	⊢	-	
	X			
÷			X	

Certifications and compliance

Compliance

Compliance		
	CSA C22.2 n° 14	
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
	UL60947-4-1	
Certificates		
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

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