7GN12508O



electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

				Rotary cam
Product designation				switches
Product type designa				7GN125
General characteristi	CS			08 - ON/OFF
Switching diagram				switch 4 poles
N° of elements				2
Maria Cara				O - Rear
Mounting form				mounting with black handle
Contact characteristi	CS			black Handle
Rated insulation volta				
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withst	and voltage Uimp		kV	6
Conventional free air	thermal current Ith			
		IEC/EN	А	125
		UL/CSA	A	130
Rated operational vo			V	690
Rated operational im			kV	6
Maximum fuse size f	or short-circuit protection In (gG)			
		10kA	A	125
		15kA 25kA	A	100 100
		25KA 50kA	A A	100
		63kA	A	100
Rated short time curr	rent Icw	001/4	Λ	100
		1s	kA	2100
Conductivity				10/5 mA/V
Operational current le	e IEC/EN			
	AC1/AC21A			
			А	125
	AC15			
		110V	А	40
		220/230V	А	28
		380/400V	А	15
		660/690V	A	5
Rated operational po				
	Three-phase AC-3	000/0001/	1147	40 F
		220/230V	kW	18.5
		380/440V	kW	37
	Single-phase AC-3	500/690V	kW	33
	ongio-phase AU-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 cu	rrent in DC			
	DC21A			
		48V	А	125
		60V	А	80
		110V	Α	10
		220V	A	1.2
	DC23A (poles in series)		_	
		24V	A	125 (1)
		48V	A	125 (2)
		60V	A	125 (3)
		110V	A	50 (3)
	<b>D01</b> 2	220V	A	20 (4)
	DC13	241/	^	105
		24V 48V	A A	125 100
		40V 60V	A	50
		110V	A	4
Power dissipation		1100		6.3
Mechanical features			vv	0.5
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size				2
	AWG - Rigid cable			
	AWC Algid bable	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 <sup>6</sup>
UL technical data				
Motor power for dire				
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
	<del>.</del>	600V	HP	40
	for single-phase motor			_
		120V	HP	5
A mbiont condition		240V	HP	15
Ambient conditions				
Temperature	Operating tomporature			
	Operating temperature		° <b>^</b>	25
		min	°C ℃	-25 +55
	Storago tomporaturo	max	U	тоо
	Storage temperature	min	°C	-40
		min	°C	-40 +70
		max	U	710

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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

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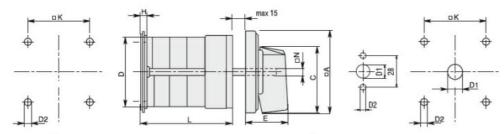
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Resistance & Protection

Frontal IP degree

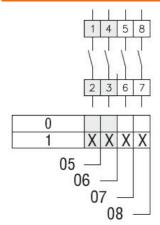
Terminals IP degree

Dimensions



Series				Dimer	nsions				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



## 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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