

7GN12930 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 3 POLES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation switches Product type designation 7/2011 Product type designation 7/2011 Switching diagram 9/3-1 Multi-step 1 2-3-3 poles 7 Mounting form 0 - Rear mounting with black handle Contact characteristics Rated insulation voltage UI IEC/EN V 690 ULCSA V 600 Rated insulation voltage UI IEC/EN A 16 Conventional free air thermal current Ith IEC/EN A 16 Conventional free air thermal current Ith IEC/EN A 16 Conventional inputse voltage (Conventional inputse voltage (Conventional Inputse voltage) (Conventional inputse) (Co					^a Rotary cam
General characteristics 93 - Multi-step 1: 2-3 3 poles Switching diagram 2-3 3 poles N° of elements 5 Mounting form 0 - Rear mounting with black handle Contact characteristics 0 Rated insulation voltage Ui IEC/EN V 690 UL/CSA V 690 0 Querce characteristics 600 0 0 Rated insulation voltage Uimp KV 6 0 Conventional free air thermal current th IEC/EN A 16 Rated operational impulse voltage KV 4 4 Maximum fuse size for short-circuit protection In (gG) 10KA A 16 15KA A 10 25kA A Conductivity 10/5 mA/V 00 220/230V A 8 Querce characteristics 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V KW 2.5 380/440V KV 4 <tr< td=""><td>-</td><td></td><td></td><td></td><td></td></tr<>	-				
Switching diagram 93 - Multi-step 1- 2-3 3 poles N° of elements 5 Mounting form mounting with black handle Contact characteristics mounting with black handle Rated insulation voltage Ui IEC/EN V Rated inpulse withstand voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 16 Qu/CSA A 16 U/CSA A 16 Rated operational woltage KV 4 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 16 15kA A 10 Rated short time current Icw 1s A 200 200 200 200 Conductivity 1s A 200					7GN12
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Single-phase AC23A 110V kW 0.8 220/230V kW 1.7 380/440V kW 3			380/440V	kW	5.5
110V kW 0.8 220/230V kW 1.7 380/440V kW 3			500/690V	kW	7.5
		Single-phase AC23A			
380/440V kW 3					
	Detaile d'ait		380/440V	kW	3

Rated operational current in DC

7GN1293O



	DC21A			
		48V	А	12
		60V	А	12
		110V	А	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 V	Π	0.20
	DCZSA (poles in series)	24V	۸	10 (1)
			A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	Α	5 (3)
		220V	A	5 (4)
	DC13			
		24V	А	12
		48V	А	10
		60V	А	8
		110V	А	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		-+0 v	 W	0.8
			VV	0.0
Mechanical features				140
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	Max	/	
		min	mm²	0.5
		min		
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
UL technical data				
Motor power for direct	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor	2.07		-
		120V	HP	0.5
		120V 240V	HP	1
Ambiant conditions		24U V	nr [.]	I
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

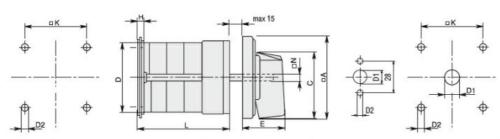


7GN1293O ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 3 POLES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Frontal IP degree

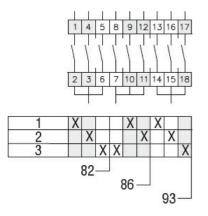
Terminals IP degree Dimensions





Carios	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



Certifications and compliance

Comp	

	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		
	cCSAus	
	EAC	
	UL	
ETIM classification	on	
ETIM 8.0		EC001029 - Selector switch,

complete

ETIM 8	.0
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