7GN4082O

OVA ENERGY AND AUTOMATION

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

				Rotary cam
Product designation				switches
Product type designation				7GN40
General characteristics				92 Multi stop 1
Switching diagram				82 - Multi-step 1- 2-3 1 pole
N° of elements				2
Maxima fama				O - Rear
Mounting form				mounting with black handle
Contact characteristics				black handle
Rated insulation voltag				
· · · · ·		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	А	40
		UL/CSA	А	50
Rated operational volta	-		V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	A	40
		15kA	A	40
		25kA 50kA	A A	40 40
		63kA	A	40 40
Rated short time current	nt low	USKA	A	40
		1s	kA	1000
Conductivity		10	10.1	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			А	40
	AC15			
		110V	А	25
		220/230V	А	22
		380/400V	А	12
		660/690V	Α	2
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	8
		380/440V	kW	15
	Single-phase AC-3	500/690V	kW	15
	Single-phase AC-3	110V	kW	3
		220/230V	kW	5 6.5
		380/440V	kW	8
	Three-phase AC23A	000/110/		<u> </u>
		220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A			
		110V	kW	3
		220/230V	kW	6

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		380/440V	kW	11
Rated operational cu				
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)			
		24V	А	40 (1)
		48V	Α	40 (2)
		60V	Α	40 (3)
		110V	Α	20 (3)
		220V	А	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	А	16
		110V	А	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	AWG Nigid cable	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVIDA	ANO	0
	AWG - Flexible cable	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVIdX	AWG	10
		min	no no 2	1.5
		min Max	mm²	
	Conductor cize (IEC) Digid coble	IVIdX	mm²	6
	Conductor size (IEC) - Rigid cable			4 5
		min	mm²	1.5
Maabaalita		Max	mm²	10
Mechanical life			cycles	5x10 <sup>e</sup>
UL technical data	at an line control			
Motor power for direc				
	for three-phase motor	40014		-
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			
		120V	HP	2
		240V	HP	5
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



IP40 IP00

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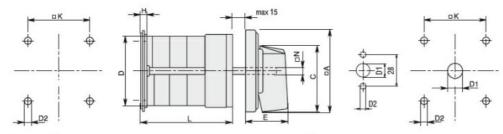
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## Resistance & Protection

Frontal IP degree

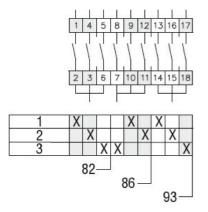
Terminals IP degree

Dimensions



Carias	Dimensions					L Number of elements														
Series	□A	С	ØD	ØD2	E	Н	۵K	□N	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		
	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		
		EC001029 -
ETIM 8.0		Selector switch,

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complete