

7GN401090 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4, 1 POLE 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

				Rotary cam
Product designation				switches
Product type designation				7GN40
General characteristics	3			
Switching diagram				109 - Multi-step 0-1-2-3-4 1 pole
N° of elements				2
				O - Rear
Mounting form				mounting with black handle
Contact characteristics				DIACK HANGle
Rated insulation voltag				
g		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	age		V	480
Rated operational impu	ulse voltage		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	А	40
		15kA	A	40
		25kA	A	40
		50kA	A	40
		63kA	A	40
Rated short time current	nt ICW			4000
		1s	kA	1000
Conductivity				10/5 mA/V
Operational current le	AC1/AC21A			
	ACT/ACZTA		А	40
	AC15		A	40
	AC13	110V	А	25
		220/230V	A	22
		380/400V	A	12
		660/690V	A	2
Rated operational pow	er in AC			
	Three-phase AC-3			
	-	220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC-3			
		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three-phase AC23A			2
		220/230V	kW	8
		380/440V	kW	18.5
	Single phase AC22A	500/690V	kW	22
	Single-phase AC23A	110V	kW	3
		220/230V	kvv kW	6
		220/230 V	A V V	0

ENERGY AND AUTOMATION

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		380/440V	kW	11
Rated operational cu	urrent in DC	300/4401		
·	DC21A			
		48V	А	40
		60V	Α	40
		110V	A	6
		220V	Α	0.9
	DC23A (poles in series)	241/	^	40 (4)
		24V 48V	A A	40 (1)
		48 V 60 V	A	40 (2) 40 (3)
		110V	A	20 (3)
		220V	A	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	А	16
		110V	Α	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for	r terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable	min	AWG	16
		min Max	AWG	8
	AWG - Flexible cable	IVIAA	ANG	0
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data	ad a se Province dest			
Motor power for dire				
	for three-phase motor	120V	HP	5
		120V 240V	нР НР	5 10
		480V	HP	20
		400V 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	! -	° ^	40
		min	°C ℃	-40 +70
		max	U	+70

7GN40109O

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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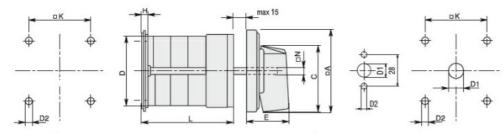
IP40 IP00

Resistance & Protection

Frontal IP degree

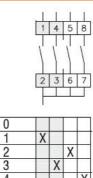
Terminals IP degree

Dimensions



Series	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

109

Compliance

23

4

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,

complete

ETIM c

ETIM 8