

7GN4085P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4-5-6, 1 POLE 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product designation				Enclosed rotary cam switch
Product type designati				7GN40
General characteristic	5			
Switching diagram				85 - Multi-step 1- 2-3-4-6 1 pole
N° of elements				3
Mounting form				P - Plastic enclosure with
				black handle
Contact characteristics	3			
Rated insulation voltag	je Ui			
		IEC/EN	V	690
		UL/CSA	<u>V</u>	600
Rated impulse withsta			kV	6
Conventional free air th	nermal current Ith		•	40
		IEC/EN UL/CSA	A A	40 50
Rated operational volta	200	0L/03A	X	480
Rated operational imp	-		kV	4
	r short-circuit protection In (gG)		ιτν	
		10kA	А	40
		15kA	A	40
		25kA	А	40
		50kA	А	40
		63kA	Α	40
Rated short time curre	nt Icw			
		1s	kA	1000
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		٨	40
	AC15		A	40
	A015	110V	А	25
		220/230V	A	22
		380/400V	A	12
		660/690V	А	2
Rated operational pow	ver 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 380/440V	kW kW	6.5 8
	Three-phase AC23A	300/440V	N V V	0
	The phase Auzon	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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ENERGY AND AUTOMATION

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		380/440V	kW	11
Rated operational c				
	DC21A			
		48V	A	40
		60V	A	40
		110V	A	6
		220V	Α	0.9
	DC23A (poles in series)	241/	^	40 (4)
		24V 48V	A	40 (1)
		48 V 60 V	A A	40 (2) 40 (3)
		110V	A	40 (3) 20 (3)
		220V	A	12 (4)
	DC13	2201	Λ	12 (4)
	0013	24V	А	40
		48V	A	32
		60V	A	16
		110V	A	3
Power dissipation			W	2.0
Mechanical features	3			
Terminals screw				M4
Tightening torque fo	or terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	Ũ	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		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				
Motor power for dire				
	for three-phase motor			_
		120V	HP	5
		240V	HP	10
		480V	HP	20
	for single phase mater	600V	HP	20
	for single-phase motor	40017		2
		120V 240V	HP HP	2
Ambient conditions		240V	пр	5
Temperature				
remperature	Operating temperature			
		min	°C	-25
		max	°C	-25 +55
	Storage temperature	Шал	0	
	olorage lemperature	min	°C	-40
		max	°C	+70
		max	5	

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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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IP65 IP00

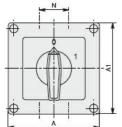
ENERGY AND AUTOMATION

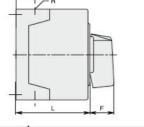
Resistance & Protection

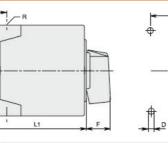
Frontal IP degree

Terminals IP degree

Dim<u>ensions</u>

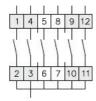


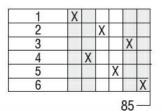




Series	Enclosure	f elements	Dimensions							Cable	Protection				
	size	L	L1	Α	A1	С	C1	D	F	М	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20]	1-3	4 - 6					100000-00		102203	1000				
7GN25]	1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32		1-2	3 - 4												
7GN40		1	2 - 3												
7GN12	110x110	1-4	5 - 8									-			
7GN20		1 - 4	5 - 8												
7GN25		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN32		1-3	4 - 5	110	110	90.4	03	4.5	32	21	39.5	00.0	119.5	47.5021	IF05
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40		1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63		1 - 2	3 - 4	120	175	140	112	0.0	32	21	00	04.3	110.5	2xPG11	1105
7GN125		1	2												
7GN32	180x254	1 - 5	6 - 8												
7GN40		1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63		1 - 3	4 - 6	100	204	120	190	0.0	32	- 35	70	121	1/5	2xPG11	11:00
7GN125		1-2	3 - 4												

Wiring diagrams





Certifications and compliance

Compliance

Compliance		
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
		E0001000

ETIM 8.0

EC001029 -Selector switch, complete

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