

electric ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM **ENERGY AND AUTOMATION**

Product designation Product type designation	on			Rotary cam switches 7GN32
General characteristics				7 61102
Switching diagram				97 - Ammeter switch
N° of elements				5
Mounting form				U - Front mounting with black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar	nd voltage Uimp	02,00,1	kV	6
Conventional free air th				
		IEC/EN	Α	32
		UL/CSA	Α	40
Rated operational volta	age		V	480
Rated operational impu	ulse voltage		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	32
		15kA	Α	32
		25kA	Α	32
		50kA	Α	32
Rated short time currer	nt Icw			
		1s	kA	800
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		_	
	1045		Α	32
	AC15	440)/		0.5
		110V	A	25
		220/230V 380/400V	A	20
		660/690V	A A	10 2
Rated operational pow	or in AC	000/0907		
rtated operational pow	Three-phase AC-3			
	Three phase AO o	220/230V	kW	7.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC-3			
	3 1 333	110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	6.5
	Three-phase AC23A			-
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A			
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5



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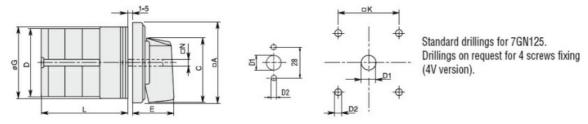
Rated operational current in DC DC21A 48V A 32 60V A 32 110V A 6 220V A 0.9 DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (3) 110V A 15 (3) 220V A 12 (4)	
Here the series of the series	
60V A 32 110V A 6 220V A 0.9	
DC23A (poles in series) 24V A 32 (1) 48V A 32 (2) 60V A 32 (3) 110V A 15 (3)	
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48V A 32 (2) 60V A 32 (3) 110V A 15 (3)	
60V A 32 (3) 110V A 15 (3)	
110V A 15 (3)	
· ,	
220V A 12 (4)	
DC13	
24V A 32	
48V A 25	
60V A 16	
110V A 3	
220V A 0.5	
Power dissipation W 1.5	
Mechanical features	
Terminals screw M4	
Tightening torque for terminals max Nm 1.2	
Conductor size	
AWG - Rigid cable	
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 4	
Conductor size (IEC) - Rigid cable min mm² 1.5	
Max mm ² 6	
Mechanical life cycles 5x10 ⁶	
JL technical data	
Motor power for direct-on-line control	
for three-phase motor	
120V HP 5	
240V HP 10	
480V HP 15	
600V HP 15	
for single-phase motor	
120V HP 2	
240V HP 5	
Ambient conditions	
Temperature	
Operating temperature	
min °C -25	
max °C +55	
Storage temperature	
Storage temperature min °C -40 max °C +70	

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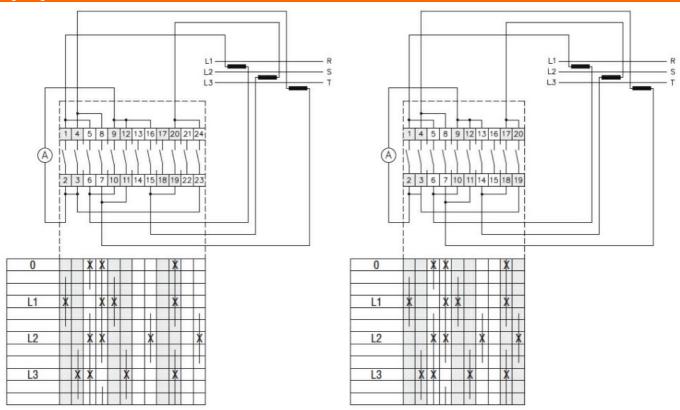
Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

Dimensions



Series	Dimensions							L Number of elements													
	□A	С	ØD	ØD1	ØD2	Е	ØG	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	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



7GN3297U

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ENERGY AND AUTOMATION BLACK HANDLE, FRONT PL

UL60947-4-1

cCSAus

EAC
UL

ETIM classification

ETIM 8.0

Certificates

EC001029 -Selector switch, complete