electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE ENERGY AND AUTOMATION



Product designation Product type designation General characteristics Switching diagram I° of elements Mounting form			Rotary cam switches 7GN32 92 - ON/OFF switch 4 poles 2 P - Plastic enclosure with
Product type designation General characteristics Switching diagram I° of elements Nounting form			7GN32 92 - ON/OFF switch 4 poles 2 P - Plastic
General characteristics Switching diagram I° of elements Nounting form			92 - ON/OFF switch 4 poles 2 P - Plastic
Switching diagram I° of elements Nounting form			switch 4 poles 2 P - Plastic
l° of elements /ounting form			switch 4 poles 2 P - Plastic
lounting form			2 P - Plastic
lounting form			P - Plastic
-			
-			
			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	32
	UL/CSA	<u>A</u>	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
laximum fuse size for short-circuit protection In (gG)	1014	^	22
	10kA 15kA	A A	32 32
	25kA	A	32
	23kA 50kA	A	32
Rated short time current Icw	30004	Α	52
	1s	kA	800
Conductivity			10/5 mA/V
Derational current le IEC/EN			
AC1/AC21A			
		А	32
AC15			
	110V	А	25
	220/230V	Α	20
	380/400V	А	10
	660/690V	A	2
Rated operational power in AC			
Three-phase AC-3	000/0001		
	220/230V	kW	7.5
	380/440V	kW	11
Single shace AC 2	500/690V	kW	11
Single-phase AC-3	110V	kW	2.2
	220/230V	kW	2.2 4
	380/440V	kW	4 6.5
Three-phase AC23A	000/440V		0.0

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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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		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
Rated operational cur	rent in DC			
	DC21A			
		48V	А	32
		60V	A	32
		110V	A	6
		220V	A	0.9
		2200	A	0.9
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	Α	32 (2)
		60V	А	32 (3)
		110V	А	15 (3)
		220V	А	12 (4)
	DC13	2201		
	5013	24V	А	32
		48V	А	25
		60V	А	16
		110V	А	3
		220V	А	0.5
Power dissipation			W	1.5
Mechanical features				-
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				1.2
Conductor size				
	AWG - Rigid cable			
	AWG - Rigid cable	min	AWG	16
	AWG - Rigid cable	min Max	AWG AWG	16 8
	AWG - Rigid cable AWG - Flexible cable			
		Maxmin	AWG AWG	8
	AWG - Flexible cable	Max	AWG	8
		Max min Max	AWG AWG AWG	8 16 10
	AWG - Flexible cable	Max min Max min	AWG AWG AWG mm²	8 16 10 1.5
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG	8 16 10
	AWG - Flexible cable	Max min Max min Max	AWG AWG AWG mm ² mm ²	8 16 10 1.5 4
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG mm ² mm ²	8 16 10 1.5
	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG mm ² mm ²	8 16 10 1.5 4
Mechanical life	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG mm ² mm ²	8 16 10 1.5 4 1.5
Mechanical life UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG mm ² mm ² mm ²	8 16 10 1.5 4 1.5 6
UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG mm ² mm ² mm ²	8 16 10 1.5 4 1.5 6
	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG mm ² mm ² mm ²	8 16 10 1.5 4 1.5 6
UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 4 1.5 6 5x10 ⁶
UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 4 1.5 6 5x10 ⁶
UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max Max 120V 240V	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10
UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V	AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15
UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max Max 120V 240V	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10
UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V	AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15
UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15
UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG mm ² mm ² mm ² cycles HP HP HP HP	8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15 2
UL technical data	AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable t-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles HP HP HP HP	8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15

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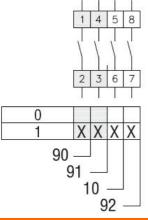
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Temperature

remperatu			Operat	ting te	mpera	ature									•••	05	
															°C	-25	
													m	ax	°C	+55	
			Storag	e tem	perati	ure											
													n	nin	°C	-40	
													m	ax	°C	+70	
Resistance	e & Pro	otectior	า														
Frontal IP	dearee	Э														IP65	
Terminals																IP00	
Dimension		jiee														11 00	
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Series E	nclosure	Number of						Dimer						Cable entry	Protection		
SWOOD CONSULT	5x75	L 1-2	L1 3 - 4	A	A1	С	C1	D	F	М	N	L	L1	entry	degree		
7GN20	0X/5	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 90)x90	1-3	4 - 6														
7GN20 7GN25		1-3 1-2	4 - 6 3 - 4	90	90	79	63	4.5	05	19	30	71.3	98.3	4xPG16	IP65		
7GN25 7GN32		1-2	3-4	90	90	79	63	4.5	25	19	30	/1.3	98.3	42PG10	IPop		
7GN40	3	1	2-3														
7GN12 11	0x110	1-4	5 - 8													4	
7GN20		1-4	5 - 8														
7GN25 7GN32		1-3	4 - 5 4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65		
7GN32 7GN40		1-3 1-2	3-5														
7GN63		1-2	3-4														
7GN32 12	25x175	1-3	4 - 5													4	
7GN40		1-2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65		
7GN63 7GN125		1-2	3 - 4											2xPG11			
	30x254	1 1-5	2 6 - 8													¢.	
7GN40	00/204	1-4	5-7	100	0.54	100	100						1.77	4xPG29	1005		
7GN63		1-3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65		
7GN125		1-2	3 - 4											ļ			
Wiring diac	rame																

Wiring diagrams



Certifications and compliance Compliance

IEC/EN/BS 60947-1

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ENCLOSURE 90X90MM WITH BLACK HANDLE

	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
ETIM 8.0		EC001105 - Off-

load switch