CONSIDER THE PROVIDE THE



Product designation			Rotary cam
·			switches
Product type designation General characteristics			7GN32
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			P - Plastic
Mounting form			enclosure with
			black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V V	600
Rated impulse withstand voltage Uimp	01/034	kV	6
Conventional free air thermal current Ith		17.6	5
	IEC/EN	А	32
	UL/CSA	A	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	32
	15kA	А	32
	25kA	A	32
	50kA	A	32
Rated short time current Icw	4		000
	1s	A	800
Conductivity Operational current le IEC/EN			10/5 mA/V
AC1/AC21A			
ACT/ACZTA		А	32
AC15		Λ	52
	110V	А	25
	220/230V	A	20
	380/400V	А	10
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3	44017	12/17	つ つ
	110V 220/230V	kW kW	2.2 4
	220/230V 380/440V	кvv kW	4 6.5
	300/4401	L A A	0.0

Three-phase AC23A

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7GN3210P electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single phase AC22A	500/0907	r v v	10.0
	Single-phase AC23A	4401/		
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational curr				
	DC21A			
		48V	А	32
		60V	А	32
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
	(p c c c)	24V	А	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	A	
				15 (3) 12 (4)
	D040	220V	A	12 (4)
	DC13			
		24V	А	32
		48V	А	25
		60V	А	16
		110V	А	3
		220V	А	0.5
Power dissipation			W	1.5
Mechanical features				
Mechanical features Terminals screw				M4
Terminals screw	erminals max		Nm	
Terminals screw Tightening torque for t	erminals max		Nm	M4 1.2
Terminals screw			Nm	
Terminals screw Tightening torque for t	erminals max AWG - Rigid cable	min		1.2
Terminals screw Tightening torque for t		min	AWG	1.2
Terminals screw Tightening torque for t	AWG - Rigid cable	min Max		1.2
Terminals screw Tightening torque for t		Max	AWG AWG	1.2 16 8
Terminals screw Tightening torque for t	AWG - Rigid cable	Maxmin	AWG AWG AWG	1.2 16 8 16
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	1.2 16 8
Terminals screw Tightening torque for t	AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	1.2 16 8 16 10
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	1.2 16 8 16 10 1.5
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	1.2 16 8 16 10
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	1.2 16 8 16 10 1.5
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	1.2 16 8 16 10 1.5
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	1.2 16 8 16 10 1.5 4
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 4 1.5 6
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ²	1.2 16 8 16 10 1.5 4 1.5
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 4 1.5 6
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 4 1.5 6
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable 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	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable 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	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable 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	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable 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 AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -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 HP	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 2
Terminals screw Tightening torque for to Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable -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	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15

7GN3210P

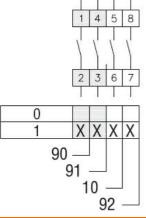
ENERGY AND AUTOMATION

7GN3210P electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Temperature

			Opera	ting te	mpera	ature											
			•	0	•								m	nin	°C	-25	
															°C	+55	
			Storag	o tom	nerati	Iro									•		
			Otorag		perati								~	nin	°C	-40	
															°C	-40 +70	
Desister													m	ax	C	+70	
Resistan			ו														
Frontal II																IP65	
Terminal	s IP deg	gree														IP00	
Dimensio	ons																
			⊨ M	*			<u>,</u>	- M					C1				
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-	A	-	-	L		F	ļ	٠	L1	>	< F >	-	→ ^D				
Order	Enclosure	Number o	f elements					Dimer	sions					Cable	Protection		
Series	size	L	L1	A	A1	С	C1	D	F	M	N	L	L1	Cable entry	Protection degree		
7GN12	75x75	1-2	3 - 4		-			1000									
7GN20 7GN25	-	1-2	3-4 2-3	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65		
7GN25 7GN12	90x90	1-3	4-6					-									
7GN20	90,90	1-3	4-6														
7GN25	1	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 7GN20	110x110	1-4	5-8 5-8														
7GN25	-	1-4	4 - 5	212222	810025		9/532	0400.000	875.03	8356		1/2/2018 S	060150233				
7GN32	1	1-3	4-5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65		
7GN40	1	1-2	3 - 5														
7GN63		1-2	3 - 4					<i></i>									
7GN32	125x175	1-3	4 - 5														
7GN40 7GN63	-	1-2	3 - 4 3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21 2xPG11	IP65		
7GN125	1	1	2											271011			
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	92	00	10	121	175	2xPG11	1100		
7GN125	+	1-2	3 - 4											ļ	ļ		
Wiring di	o aromo																

Wiring diagrams



Certifications and compliance Compliance

IEC/EN/BS 60947-1

7GN3210P

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ENERGY AND AUTOMATION

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