



Product designation			Enclosed rotary
			cam switch
Product type designation General characteristics			7GN32
			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
			P - Plastic
Mounting form			enclosure with black handle
Contact characteristics			DIACK HARIULE
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	А	32
	UL/CSA	<u>A</u>	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	۸	32
	10kA 15kA	A A	32 32
	25kA	A	32
	50kA	A	32
Rated short time current Icw			
	1s	kA	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	32
AC15		_	
	110V	A	25
	220/230V	A	20
	380/400V 660/690V	A A	10 2
Rated operational power in AC	000/0907	A	۷
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3			
	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	6.5

Three-phase AC23A

7GN3290P



7GN3290P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

		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	А	32
		110V	А	6
		220V	A	0.9
	DC23A (poles in series)	2201	73	0.0
	DCZSA (poles III selles)	241/	۸	22 (1)
		24V	A	32 (1)
		48V	A	32 (2)
		60V	Α	32 (3)
		110V	A	15 (3)
		220V	Α	12 (4)
	DC13			
		24V	А	32
		48V	А	25
		60V	А	16
		110V	А	3
		220V	A	0.5
Power dissipation		2201	W	1.5
Mechanical features			vv	1.0
				N44
Lorminals scrow				NAZI
Terminals screw	terminals may		Nm	M4
Tightening torque for	terminals max		Nm	1.2
			Nm	
Tightening torque for	terminals max AWG - Rigid cable			1.2
Tightening torque for		min	AWG	1.2
Tightening torque for	AWG - Rigid cable	min Max		1.2
Tightening torque for			AWG	1.2
Tightening torque for	AWG - Rigid cable		AWG	1.2
Tightening torque for	AWG - Rigid cable	Max	AWG AWG	1.2 16 8
Tightening torque for	AWG - Rigid cable	Max min	AWG AWG AWG	1.2 16 8 16
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min	AWG AWG AWG	1.2 16 8 16
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	1.2 16 8 16 10 1.5
Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	1.2 16 8 16 10
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	1.2 16 8 16 10 1.5 4
Tightening torque for	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
Tightening torque for Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 4 1.5 6
Tightening torque for Conductor size Mechanical life	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
Tightening torque for Conductor size Mechanical life UL technical data	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
Tightening torque for Conductor size Mechanical life	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
Tightening torque for Conductor size Mechanical life UL technical data	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
Tightening torque for Conductor size Mechanical life UL technical data	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
Tightening torque for Conductor size Mechanical life UL technical data	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
Tightening torque for Conductor size Mechanical life UL technical data	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
Tightening torque for Conductor size Mechanical life UL technical data	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
Tightening torque for Conductor size Mechanical life UL technical data	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
Tightening torque for Conductor size Mechanical life UL technical data	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
Tightening torque for Conductor size Mechanical life UL technical data	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 HP HP HP HP HP	1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10 15 15
Tightening torque for Conductor size Mechanical life UL technical data	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 120V	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 15 2

7GN3290P

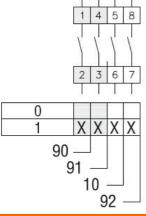


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Temperature

remperature		Opera	ting te	mpera	ature											
												n	nin	°C	-25	
												m	ax	°C	+55	
		Storag	ie tem	perati	ire											
		otorag	,0 .0	poran								m	nin	°C	-40	
														°C	+70	
Desistance	Destautio											m	ax	C	+70	
Resistance &		on														
Frontal IP deg															IP65	
Terminals IP of	degree														IP00	
Dimensions																
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Series Enclos		of elements	A	A1	С	C1	Dimer D	nsions F	M	N		L1	Cable entry	Protection degree		
7GN12 75x75	1-2	L1 3 - 4	A	AI	U	01	U	г	IVI	IN	L	LI	onay	dogroo		
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	1												_	
7GN12 90x90	1-3	4 - 6														
7GN20	1-3	4 - 6 3 - 4		00	70	00	4.5	05	10		74.0	00.0	4.0010	IDOS		
7GN25 7GN32	1-2	3-4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65		
7GN40	1	2-3														
7GN12 110x11		5-8					-									
7GN20	1-4	5 - 8	1													
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														
7GN40 7GN63	1-2	3 - 5 3 - 4														
7GN32 125x17		4-5					-								-	
7GN40	1-2	3 - 4	105	175									4xPG21	1005		
7GN63	1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	2xPG11	IP65		
7GN125	1	2													-	
7GN32 180x25		6-8											4.0000			
7GN40 7GN63	1-4	5 - 7 4 - 6	180	254	120	190	5.5	32	35	76	121	175	4xPG29 2xPG11	IP65		
7GN125	1-2	3-4											- ZAIGHT			
Wiring diagram		+	+					ł	ł	+	+		+	+		

Wiring diagrams



Certifications and compliance Compliance

IEC/EN/BS 60947-1

7GN3290P



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	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
		EC001029 -
ETIM 8.0		Selector switch, complete