7GN3290088



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 32A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



Product designation			Rotary cam
-			switches
Product type designation			7GN32
General characteristics			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
			O88 - Rear
			mounting with
Mounting form			red/yellow handle padlockable in 0,
Mounting form			door coupling
			and protection
			covers
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Rated impulse withstand voltage Uimp	UL/CSA	V kV	600 6
Conventional free air thermal current Ith		ĸv	0
	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	A	32
	25kA	A	32
Rated short time current Icw	50kA	A	32
	1s	kA	800
Conductivity	13	N/N	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	32
AC15			
	110V	А	25
	220/230V	A	20
	380/400V	A	10
Rated operational power in AC	660/690V	A	2
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11

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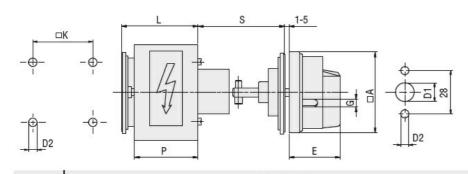
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	6.5
	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A			
		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational cur	rrent in DC			
Rated operational car	DC21A			
	00211	48V	А	32
		60V	A	32
		110V	A	6
		220V	A	0.9
	DC22A (palas in sorias)	220 V	A	0.9
	DC23A (poles in series)	24V	۸	32 (1)
			A	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	A	15 (3)
	-	220V	A	12 (4)
	DC13	• • • •		
		24V	A	32
		48V	A	25
		60V	А	16
		110V	А	3
		220V	A	0.5
				1 5
Power dissipation			W	1.5
Mechanical features			VV	
Mechanical features Terminals screw				M4
Mechanical features Terminals screw Tightening torque for	terminals max		W Nm	
Mechanical features Terminals screw				M4
Mechanical features Terminals screw Tightening torque for	terminals max AWG - Rigid cable		Nm	M4 1.2
Mechanical features Terminals screw Tightening torque for		min	Nm	M4
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable	min Max	Nm	M4 1.2
Mechanical features Terminals screw Tightening torque for			Nm AWG AWG	M4 1.2 16 8
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable		Nm AWG AWG AWG	M4 1.2 16
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max	Nm AWG AWG	M4 1.2 16 8
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable	Max min	Nm AWG AWG AWG	M4 1.2 16 8 16
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min	Nm AWG AWG AWG	M4 1.2 16 8 16
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max	Nm AWG AWG AWG AWG	M4 1.2 16 8 16 10
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min	Nm AWG AWG AWG AWG mm ²	M4 1.2 16 8 16 10 1.5
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min	Nm AWG AWG AWG AWG mm ²	M4 1.2 16 8 16 10 1.5
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	Nm AWG AWG AWG AWG mm ² mm ²	M4 1.2 16 8 16 10 1.5 4
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	Nm AWG AWG AWG AWG mm ² mm ² mm ²	M4 1.2 16 8 16 10 1.5 4 1.5
Mechanical features Terminals screw Tightening torque for Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	Nm AWG AWG AWG AWG mm ² mm ²	M4 1.2 16 8 16 10 1.5 4 1.5 6
Mechanical features Terminals screw Tightening torque for Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	Nm AWG AWG AWG AWG mm ² mm ² mm ²	M4 1.2 16 8 16 10 1.5 4 1.5 6
Mechanical features Terminals screw 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	Nm AWG AWG AWG AWG mm ² mm ² mm ²	M4 1.2 16 8 16 10 1.5 4 1.5 6
Mechanical features Terminals screw 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	Nm AWG AWG AWG AWG mm ² mm ² mm ² cycles	M4 1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶
Mechanical features Terminals screw 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	Nm AWG AWG AWG AWG mm ² mm ² mm ² cycles	M4 1.2 16 8 16 10 1.5 4 1.5 6 5 5
Mechanical features Terminals screw 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 Max 120V 240V	Nm AWG AWG AWG Mm ² mm ² mm ² cycles	M4 1.2 16 8 16 10 1.5 4 1.5 6 5x10 ⁶ 5 10
Mechanical features Terminals screw 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	Nm AWG AWG AWG AWG mm ² mm ² mm ² cycles	M4 1.2 16 8 16 10 1.5 4 1.5 6 5 5



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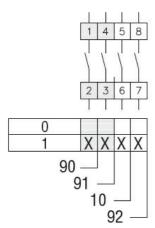
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP40
Terminals IP degree				IP00

Dimensions



Series		Dimensions							
Series	□A	D1	D2	E	G	□K	S	Р	L
7GN12	65	12	5	34.2	5	36	45-55	43	51.3
7GN20	65	12	5	34.2	5	36	45-55	43	51.3
7GN25	65	12	5	34.2	5	36	45-55	51	59.6
7GN32	65	14	5	38	6	48	45-55	55	68.7
7GN40	65	14	5	38	6	48	45-55	55	68.7

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14 IEC/EN/BS 60947-1 IEC/EN/BS 60947-3

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	IEC/EN/BS 60947-5-1	
	UL60947-4-1	
Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classification		
		EC001020

ETIM 8.0

EC001029 -Selector switch, complete