## 7GN3290O88



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
C C			switches
Product type designation General characteristics			7GN32
			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
			O88 - Rear
			mounting with
Mounting form			red/yellow handle
Mounting form			padlockable in 0, door coupling
			and protection
			covers
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		•	20
	IEC/EN UL/CSA	A A	32 40
Rated operational voltage	01/03A	X	480
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		ιτν	
	10kA	А	32
	15kA	А	32
	25kA	А	32
	50kA	Α	32
Rated short time current Icw			
	1s	А	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		٨	22
AC15		A	32
AC15	110V	А	25
	220/230V	A	20
	380/400V	A	10
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
Single-phase AC-3	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 curr	rent in DC			
	DC21A			
		48V	А	32
		60V	A	32
		110V	A	6
		220V	A	0.9
	DC23A (poles in series)	2201	~	0.9
	DOZON (POICS III SEIICS)	24V	٨	32 (1)
		24V 48V	A A	32 (1)
				32 (2)
		60V	A	32 (3)
		110V	A	15 (3)
		220V	А	12 (4)
	DC13			
		24V	A	32
		48V	А	25
		60V	А	16
		110V	А	3
		2201/	А	0.5
		220V		
Power dissipation		2200	W	1.5
Power dissipation Mechanical features		2200		
		2200		
Mechanical features	erminals max	2200		1.5
Mechanical features Terminals screw	erminals max	2200	W	1.5 M4
Mechanical features Terminals screw Tightening torque for t	erminals max AWG - Rigid cable	2200	W	1.5 M4
Mechanical features Terminals screw Tightening torque for t			W	1.5 M4
Mechanical features Terminals screw Tightening torque for t			W Nm	1.5 M4 1.2
Mechanical features Terminals screw Tightening torque for t		min	W Nm AWG	1.5 M4 1.2 16
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	min	W Nm AWG	1.5 M4 1.2 16
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	min Max	W Nm AWG AWG	1.5 M4 1.2 16 8
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	min Max min	W Nm AWG AWG	1.5 M4 1.2 16 8 16
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	min Max min Max	W Nm AWG AWG AWG	1.5 M4 1.2 16 8 16 10
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	min Max min Max min	W Nm AWG AWG AWG AWG mm <sup>2</sup>	1.5 M4 1.2 16 8 16 10 1.5
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	min Max min Max	W Nm AWG AWG AWG	1.5 M4 1.2 16 8 16 10
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	min Max min Max min Max	W Nm AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup>	1.5 M4 1.2 16 8 16 10 1.5 4
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	min Max min Max min Max min	W Nm AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup>	1.5 M4 1.2 16 8 16 10 1.5 4 1.5
Mechanical features Terminals screw Tightening torque for t Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	min Max min Max min Max	W Nm AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	1.5 M4 1.2 16 8 16 10 1.5 4 1.5 6
Mechanical features Terminals screw Tightening torque for t Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	min Max min Max min Max min	W Nm AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup>	1.5 M4 1.2 16 8 16 10 1.5 4 1.5
Mechanical features Terminals screw Tightening torque for t Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max min	W Nm AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	1.5 M4 1.2 16 8 16 10 1.5 4 1.5 6
Mechanical features Terminals screw Tightening torque for t Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max min	W Nm AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	1.5 M4 1.2 16 8 16 10 1.5 4 1.5 6
Mechanical features Terminals screw Tightening torque for t Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max min Max	W Nm AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.5 M4 1.2 16 8 16 10 1.5 4 1.5 6 5x10 <sup>6</sup>
Mechanical features Terminals screw Tightening torque for t Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max min Max	W Nm AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.5 M4 1.2 16 8 16 10 1.5 4 1.5 6 5x10 <sup>6</sup>
Mechanical features Terminals screw Tightening torque for t Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max min Max 120V 240V	W Nm AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.5 M4 1.2 16 8 16 10 1.5 4 1.5 4 1.5 6 5x10 <sup>6</sup> 5 10
Mechanical features Terminals screw Tightening torque for t Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max min Max min Max min Max	W Nm AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.5 M4 1.2 16 8 16 10 1.5 4 1.5 6 5x10 <sup>6</sup>

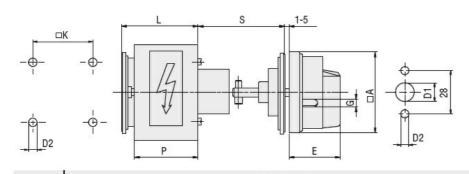
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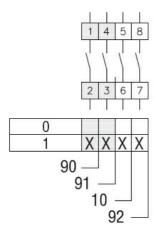
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP40
Terminals IP degree				IP00

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