## 7GN4090088



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 40A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



			Rotary cam
Product designation			switches
Product type designation			7GN40
General characteristics			
Switching diagram			90 - ON/OFF switch 1 pole
N° of elements			1
			O88 - Rear
			mounting with
			red/yellow handl
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		•	10
	IEC/EN UL/CSA	A A	40 50
Rated operational voltage	UL/CSA	X	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			•
	10kA	А	40
	15kA	А	40
	25kA	А	40
	50kA	А	40
	63kA	A	40
Rated short time current Icw			
	1s	kA	1000
Conductivity Operational current le IEC/EN			10/5 mA/V
AC1/AC21A			
ACT/ACZTA		А	40
AC15			
	110V	А	25
	220/230V	А	22
	380/400V	А	12
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			•
	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15

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	Single-phase AC-3			
		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three-phase AC23A	000/440 0		0
	Thee-phase ACZSA	000/0001/	1.147	0
		220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A			
		110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational curr	ront in DC	000/1101		
	DC21A		_	
		48V	A	40
		60V	А	40
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
	([	24V	А	40 (1)
		48V	A	40 (2)
		48V 60V		. ,
			A	40 (3)
		110V	А	20 (3)
		220V	Α	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	А	16
		110V	A	3
Power dissipation		1100	W	2.0
			VV	2.0
Mechanical features				• • •
Terminals screw				M4
Tightening torque for t	erminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	ő	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	IVICA	,,,,,	<b>.</b>
			A1A/C	16
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
	· · · ·	min	mm²	1.5
		Max	mm²	10
Mechanical life		IVICA	cycles	5x10 <sup>6</sup>
UL technical data			Cycles	5410
	e en line control			
Motor power for direct				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
		0000		

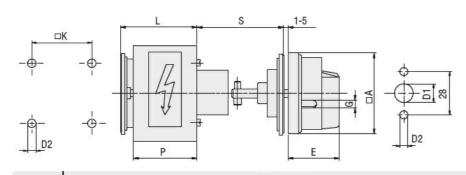
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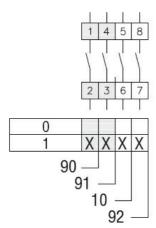
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP40
Terminals IP degree				IP00

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