

7GN4005088 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

				^a Rotary cam
Product designation				switches
Product type designa				7GN40
General characteristic	CS			05 - 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 characteristic	S			
Rated insulation volta	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air	thermal current Ith			40
		IEC/EN	A	40
Deted an erational val	40.00	UL/CSA	A V	50 480
Rated operational vol	-		kV	480
Rated operational imp	or short-circuit protection In (gG)		ĸv	4
	si short-circuit protection in (gC)	10kA	А	40
		15kA	A	40
		25kA	A	40
		50kA	A	40
		63kA	А	40
Rated short time curre	ent Icw			
		1s	А	1000
Conductivity				10/5 mA/V
Operational current le	e IEC/EN			
	AC1/AC21A			
			A	40
	AC15		_	
		110V	A	25
		220/230V	A	22
		380/400V 660/690V	A A	12 2
Rated operational pov	ver in AC	000/090 v	~	2
	Three-phase AC-3			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC-3			
		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22

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	Single-phase AC23A			
		110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational cur	rrent in DC			
	DC21A			
		48V	А	40
		60V	A	40
		110V	A	6
		220V	A	0.9
	DC23A (poles in series)			
		24V	A	40 (1)
		48V	А	40 (2)
		60V	А	40 (3)
		110V	А	20 (3)
		220V	А	12 (4)
	DC13			
	•	24V	А	40
		48V	A	32
		60V	A	16
		110V	A	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	AWO - Nigid Cable	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		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
Mashaniastiff		XBIVI		
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direc				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor	0001		
	101 311916-prid36 110101	4001/	ЦП	2
		120V	HP	2
A		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			

Operating temperature

operating temperature			
	min	°C	-25
	max	°C	+55

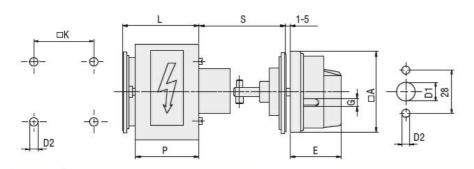
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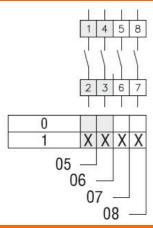
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Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



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

Comp	oliance

CSA C22.2 n° 14 IEC/EN/BS 60947-1 IEC/EN/BS 60947-3 IEC/EN/BS 60947-5-1 UL60947-4-1 Certificates cCSAus EAC UL ETIM classification

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ETIM 8.0

EC001029 -Selector switch, complete