

7GN2505088 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 25A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

Product designation			Rotary cam
Product type designation			switches 7GN25
General characteristics			791125
Switching diagram			05 - ON/OFF switch 1 pole
N° of elements			1
Mounting form			O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
Conventional free air thermal current ith	IEC/EN UL/CSA	A A	25 30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection	In (gG)		
	10kA 15kA 25kA	A A A	25 25 25
Rated short time current Icw			
	1s	A	400
			10/5 mA/V
Operational current le IEC/EN AC1/AC21A		۸	25
AC15		A	25
	110V 220/230V 380/400V	A A A	16 12 8
	660/690V	A	2
Rated operational power in AC Three-phase AC-3			
	220/230V 380/440V 500/690V	kW kW kW	5.5 7.5 7.5
Single-phase AC-3	110V 220/230V	kW kW	1.5 3
	380/440V	kW	5.5
Three-phase AC23A	220/230V	kW	6.5
	380/440V	kW	11
Circle share ACCOA	500/690V	kW	11
Single-phase AC23A	1101/	۲\\/	15

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

110V

kW

1.5



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		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational co				
	DC21A	48V	А	25
		48 V 60 V	A	25 25
		110V	A	4
		220V	A	4 0.7
	DC23A (poles in series)	2201	Λ	0.1
		24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	А	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque fo	r terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable		_	
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
Mashaulastills		Max	mm²	4
Mechanical life UL technical data			cycles	5x10 ⁶
	act on line control			
Motor power for dire				
	for three-phase motor	120V	HP	2
		120V 240V	HP	3 5
		240V 480V	HP	5 10
		480V 600V	HP HP	10 15
	for single phase motor	600V		10
	for single-phase motor	120V	Пυ	15
		120V 240V	HP HP	1.5 3
Ambient conditions		240V		ა
Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-25
			°C	-25 +55
	Storage temperature	max	U	T 00

Storage temperature

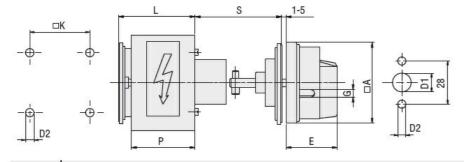


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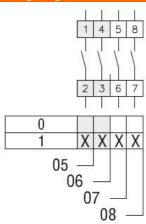
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

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 co	ompliance	
Compliance		
	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		
		EC001029 -
ETIM 8.0		Selector switch, complete

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