7GN2506O88



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A, 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 General characteristics		7GN25
Switching diagram		06 - ON/OFF switch 2 poles
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	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	Α	25
15kA	А	25
25kA	A	25
Rated short time current Icw1s	kA	400
Conductivity		10/5 mA/V
Operational current le IEC/EN		
AC1/AC21A	А	25
AC15	_	
110V	A	16
220/230V	A	12
380/400V 660/690V	A A	8 2
Rated operational power in AC	A	2
Three-phase AC-3		
220/230V	kW	5.5
380/440V	kW	7.5
500/690V	kW	7.5
Single-phase AC-3		
110V	kW	1.5
220/230V	kW	3
380/440V	kW	5.5
Three-phase AC23A 220/230V	kW	6.5
380/440V	kW	11
500/690V	kW	11
Single-phase AC23A 110V	kW	1.5

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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



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		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational c				
	DC21A			~-
		48V	Α	25
		60V	A	25
		110V	Α	4
		220V	A	0.7
	DC23A (poles in series)	241/	^	QE (1)
		24V	A	25 (1)
		48V	A	25 (2)
		60V 110V	A	25 (3)
			A	12 (3)
	DC1 2	220V	A	10 (4)
	DC13	241/	۸	25
		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				MO E
Terminals screw	r terminale may		Nim	M3.5
Tightening torque fo	or terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable		A \ A/O	00
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			0.5
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable		2	0.5
		min	mm²	0.5
		Max	mm²	4
Vechanical life			cycles	5x10 ⁶
	est en line esstad			
Notor power for dire				
	for three-phase motor	4001/		0
		120V	HP	3
		240V	HP	5
		480V	HP	10
	for single phase mater	600V	HP	15
	for single-phase motor	40014		1 5
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Ambient conditions Temperature				
	Operating temperature		•••	05
		min max	°C °C	-25 +55

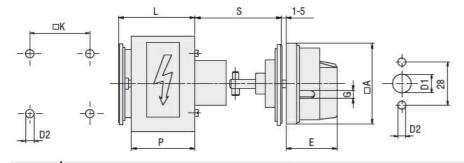
Storage temperature



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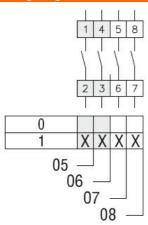
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

Dimensions



Series	Dimensions								
Selles	□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	mpliance	
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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