7GN2507O88



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 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			07 - ON/OFF switch 3 poles
N° of elements			2
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	А	25
	15kA	А	25
	25kA	A	25
Rated short time current Icw	1s	kA	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	25
AC15			
	110V	А	16
	220/230V	A	12
	380/400V	A	8
	660/690V	A	2
Rated operational power in AC Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3			
5 1	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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		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cu	Irrent in DC			
	DC21A			
		48V	А	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)	220 V	Λ	0.7
	DOZSA (poles in series)	24V	А	25 (1)
		48V		
			A	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13			
		24V	A	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 for	r terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	AWG Rigid cable	min	AWG	20
		Max	AWG	10
		IVIAA	ANG	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
		Max	mm²	4
Mechanical life				
Mechanical life			cycles	5x10 ⁶
UL technical data			cycles	5x10 ⁶
UL technical data	ct-on-line control		cycles	5x10⁰
			cycles	5x10 ⁶
UL technical data	ct-on-line control for three-phase motor			
UL technical data		120V	HP	3
UL technical data		120V 240V	HP HP	3 5
UL technical data		120V 240V 480V	HP HP HP	3 5 10
UL technical data	for three-phase motor	120V 240V	HP HP	3 5
UL technical data		120V 240V 480V 600V	HP HP HP HP	3 5 10 15
UL technical data	for three-phase motor	120V 240V 480V 600V 120V	HP HP HP HP	3 5 10 15 1.5
UL technical data Motor power for dired	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	3 5 10 15
UL technical data Motor power for direct	for three-phase motor	120V 240V 480V 600V 120V	HP HP HP HP	3 5 10 15 1.5
UL technical data Motor power for dired	for three-phase motor	120V 240V 480V 600V 120V	HP HP HP HP	3 5 10 15 1.5
UL technical data Motor power for direct	for three-phase motor	120V 240V 480V 600V 120V	HP HP HP HP	3 5 10 15 1.5
UL technical data Motor power for direct	for three-phase motor	120V 240V 480V 600V 120V	HP HP HP HP	3 5 10 15 1.5
UL technical data Motor power for direct	for three-phase motor	120V 240V 480V 600V 120V 240V	HP HP HP HP HP	3 5 10 15 1.5 3

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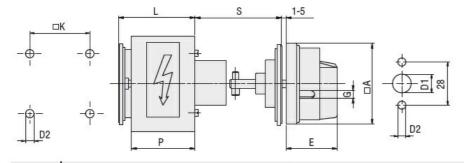
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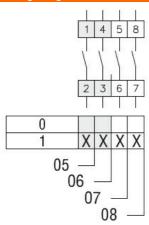
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

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 cor	npliance	
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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