7GN2592O88



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



Draduct designation			Rotary cam
Product designation			switches
Product type designation			7GN25
General characteristics			
Switching diagram			92 - ON/OFF
			switch 4 poles
N° of elements			2 088 - Rear
			mounting with
			red/yellow handle
Mounting form			padlockable in 0,
5			door coupling
			and protection
			covers
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
Conventional free air thermal current ith		•	05
	IEC/EN UL/CSA	A A	25 30
Rated operational voltage	UL/USA	 V	480
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		ΓV	4
Maximum ruse size for short-circuit protection in (gG)	10kA	А	25
	15kA	A	25
	25kA	A	25
Rated short time current Icw	20101		
	1s	А	400
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	25
AC15			
	110V	А	16
	220/230V	А	12
	380/400V	А	8
	660/690V	Α	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	44017	1.3.47	4 5
	110V	kW	1.5

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		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			0.0
		220/230V	kW	6.5
		380/440V	kW	11
	0	500/690V	kW	11
	Single-phase AC23A			
		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational curre	ent in DC			
	DC21A			
		48V	А	25
		40V 60V	A	25
		110V	A	4
		220V		
		220V	Α	0.7
	DC23A (poles in series)	- ···		05 (1)
		24V	Α	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	А	10 (4)
	DC13			
		24V	А	25
		48V	A	20
		48V 60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
-	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	ANAC Flowible coble	IVIdX	AWG	10
	AWG - Flexible cable		A14/0	00
		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		Max	cycles	5x10 ⁶
UL technical data			Cycles	
Motor power for direct-				
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			

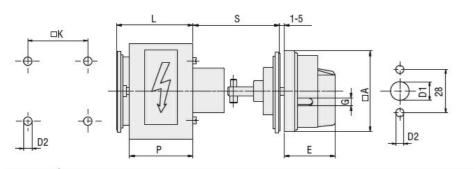
for single-phase motor



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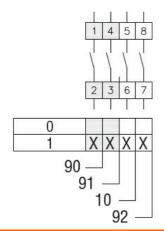
		120V	HP	1.5
		240V	HP	3
Ambient condition	S			
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Prot	ection			
Frontal IP degree				IP40
Terminals IP degre	ee			IP00
D1 1				

Dimensions



Series	Dimensions								
	□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
IEC/EN/BS 60947-5-1

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ENERGY AND AUTOMATION

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	UL60947-4-1	
Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classificat	on	
ETIM 8.0		EC001105 - Off-

load switch