



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 32A, 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			7GN32
Switching diagram			06 - ON/OFF switch 2 poles
N° of elements			1
Mounting form			O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics			
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	32 40
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	32 32 32
	50kA	А	32
Rated short time current Icw	1s	А	800
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A		٨	20
AC15		A	32
	110V 220/230V 380/400V	A A A	25 20 10
Rated operational power in AC	660/690V	A	2
Three-phase AC-3	220/230V	kW	7.5
	380/440V 500/690V	kW kW	11 11
Single-phase AC-3	110V	kW	2.2
	220/230V	kW kW	4
Three-phase AC23A	380/440V	kW	6.5
	220/230V	kW	8
	380/440V 500/690V	kW kW	15 18.5
Single-phase AC23A			

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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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		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational cur	rront in DC	300/440 V		1.0
	DC21A	(0) (
		48V	A	32
		60V	A	32
		110V	Α	6
		220V	А	0.9
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	A	
				32 (2)
		60V	A	32 (3)
		110V	A	15 (3)
		220V	A	12 (4)
	DC13			
		24V	А	32
		48V	A	25
		40V 60V	A	16
		110V		
			A	3
		220V	A	0.5
Power dissipation			W	1.5
Mechanical features				
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
Conductor Size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
			····· 2	4 5
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	6
Mechanical life			cycles	5x10 ⁶
UL technical data			0,000	
	et on line control			
Motor power for direc				
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor			-
	ior single phase motor	400\/	HP	2
				/
		120V		
		120V 240V	HP	5
Ambient conditions				
Ambient conditions Temperature				
	Operating temperature			
	Operating temperature	240V	HP	5
	Operating temperature			

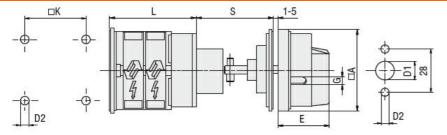
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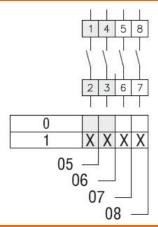
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Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Series	Dimensions			L							
Selles	□A	D1	D2	E	G	⊐K	S	1	2	3	12
7GN12	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN20	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN25	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN40	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN63	65	14	6	38	6	68	45-55	57.3	75.4	93.5	256.4

Wiring diagrams



Certifications and compliance

Compliance

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