7GN1207O98



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 16A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

Product designation				Rotary cam
Product type designati	on			switches 7GN12
General characteristics				TONIZ
				07 - ON/OFF
Switching diagram				switch 3 poles
N° of elements				2
Mounting form				O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics				
Rated insulation voltag	e Ui		.,	
		IEC/EN	V	690
Detection and a suith star	ad a sette por L l'eser	UL/CSA	V	600
Rated impulse withstar Conventional free air th			kV	6
Conventional free air tr		IEC/EN	А	16
		UL/CSA	A	15
Rated operational volta	308	00/00/	 V	480
Rated operational impl	-		kV	4
	short-circuit protection In (gG)			·
		10kA	А	16
		15kA	А	10
		25kA	А	10
Rated short time curre	nt Icw			
		1s	kA	200
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			
			A	16
	AC15	1101/	٨	10
		110V 220/230V	A A	10 8
		380/400V	A	4
		660/690V	A	1.5
Rated operational pow	er in AC	000,0001		
	Three-phase AC-3			
		220/230V	kW	2.5
		380/440V	kW	4
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.8
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A	220/2201/	L\\/	2
		220/230V 380/440V	kW kW	3 5.5
		500/690V	kW	5.5 7.5
	Single-phase AC23A	500/030 V	17.6.6	1.0
		110V	kW	0.8

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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	1.7
		380/440V	kW	3
Rated operational cu	urrent in DC			
·	DC21A			
		48V	А	12
		60V	A	12
		110V	A	4
		220V	A	0.6
		440V	A	0.25
		440 V	A	0.25
	DC23A (poles in series)	0.417	^	40 (4)
		24V	A	10 (1)
		48V	Α	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
		220V	А	5 (4)
	DC13			
		24V	А	12
		48V	А	10
		60V	A	8
		110V	A	1
		220V	A	0.4
		440V		0.4 0.15
		440 V	<u>A</u>	
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque fo	r terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor cize (IEC) Elevible coble	IVIAN	ANG	14
	Conductor size (IEC) - Flexible cable			
			2	~ -
		min	mm²	0.5
		min Max	mm² mm²	0.5 2.5
	Conductor size (IEC) - Rigid cable	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			2.5 0.5
	Conductor size (IEC) - Rigid cable	Max	mm²	2.5
vechanical life	Conductor size (IEC) - Rigid cable	Max min	mm²	2.5 0.5
	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	2.5 0.5 2.5
Mechanical life UL technical data Motor power for dire		Max min	mm² mm² mm²	2.5 0.5 2.5
	ect-on-line control	Max min	mm² mm² mm²	2.5 0.5 2.5
UL technical data		Max min Max	mm ² mm ² mm ² cycles	2.5 0.5 2.5 3x10 ⁶
JL technical data	ect-on-line control	Max min Max 120V	mm ² mm ² mm ² cycles	2.5 0.5 2.5 3x10 ⁶
JL technical data	ect-on-line control for three-phase motor	Max min Max	mm ² mm ² mm ² cycles	2.5 0.5 2.5 3x10 ⁶
JL technical data	ect-on-line control	Max min Max 120V 240V	mm² mm² cycles HP HP	2.5 0.5 2.5 3x10 ⁶ 1.5 3
JL technical data	ect-on-line control for three-phase motor	Max min Max 120V 240V 120V	mm ² mm ² cycles HP HP	2.5 0.5 2.5 3x10 ⁶ 1.5 3 0.5
UL technical data Motor power for dire	ect-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V	mm² mm² cycles HP HP	2.5 0.5 2.5 3x10 ⁶ 1.5 3
UL technical data Motor power for dire Ambient conditions	ect-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 120V	mm ² mm ² cycles HP HP	2.5 0.5 2.5 3x10 ⁶ 1.5 3 0.5
UL technical data Motor power for dire Ambient conditions	ect-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 120V	mm ² mm ² cycles HP HP	2.5 0.5 2.5 3x10 ⁶ 1.5 3 0.5
UL technical data	ect-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 120V	mm ² mm ² cycles HP HP	2.5 0.5 2.5 3x10 ⁶ 1.5 3 0.5
UL technical data Motor power for dire Ambient conditions	ect-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 120V 240V	mm ² mm ² cycles HP HP HP	2.5 0.5 2.5 3x10 ⁶ 1.5 3 0.5 1
UL technical data Motor power for dire Ambient conditions	ect-on-line control for three-phase motor for single-phase motor	Max min Max 120V 240V 120V	mm ² mm ² cycles HP HP	2.5 0.5 2.5 3x10 ⁶ 1.5 3 0.5

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	min	°C	-40		
	max	°C	+70		
Resistance & Protection					
Frontal IP degree			IP40		
Terminals IP degree IP00					
Dimensions					
Dimensions L Series D1 D2 E G DK S 1 2 312					
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					
CSA C22.2 n° 14					

	CSA C22.2 II 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	1	
ETIM 8.0		EC001029 - Selector switch,

complete