

7GN2007U12 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Droduct decignation				Rotary cam
Product designation				switches
Product type designat				7GN20
General characteristic	S			07 - ON/OFF
Switching diagram				switch 3 poles
N° of elements				2
				U12 - Front
				mounting without
Mounting form				front plate with key operation for
				hole diam. 22mm
				fixing
Contact characteristic				
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
Deterline her filet	- Lastra - LP	UL/CSA	V	600
Rated impulse withsta Conventional free air t			kV	6
Conventional free air t	inermal current itn	IEC/EN	А	20
		UL/CSA	A	20
Rated operational volt	tage	06/007	V	480
Rated operational imp			kV	4
	or short-circuit protection In (gG)			
		10kA	А	20
		15kA	А	16
		25kA	Α	16
Rated short time curre	ent Icw			
Conductivity		1s	kA	250 10/5 mA/V
Conductivity Operational current le				10/5 MA/V
	AC1/AC21A			
	A01/A021A		А	20
	AC15			
		110V	А	10
		220/230V	А	8
		380/400V	А	6
		660/690V	A	1.5
Rated operational pow				
	Three-phase AC-3	220/230V		2
		380/440V	kW kW	3 5.5
		500/690V	kW	5.5
	Single-phase AC-3			0.0
		110V	kW	0.8
		220/230V	kW	2.2
		380/440V	kW	3
	Three-phase AC23A			
		220/230V	kW	5
		380/440V	kW	7.5
	Single-phase AC23A	500/690V	kW	7.5
	onigie-phase AUZSA	110V	kW	0.8
		220/230V	kW	2.5
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		380/440V	kW	3.7
Rated operational cu	rrent in DC			
	DC21A			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
	u ,	24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			()
		24V	А	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		101	W	0.8
Mechanical features			vv	0.0
Terminals screw				M3
Tightening torque for	torminale may		Nm	0.5
Conductor size			INIII	0.5
Conductor Size	ANAC Disid cable			
	AWG - Rigid cable	in the	AWG	20
		min		20
		Max	AWG	12
	AWG - Flexible cable			00
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable		2	o =
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	-	•	o -
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direc				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor			
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				
-	Operating temperature			
		min	°C	-25
		max	°C	155

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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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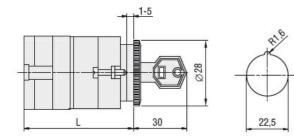
max

+55



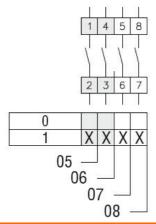
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Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Cariaa	L			
Series	1	2	3	8
7GN12	47	56.7	66.4	114.9
7GN20	47	56.7	66.4	114.9
7GN25	51.4	65	78.6	146.6

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	
	UL60947-4-1	
Certificates		
	cCSAus	
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001105 - Off- load switch

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