

## **7GN2508U12** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

				<sup>。</sup> Rotary cam
Product designation				switches
Product type designati				7GN25
General characteristics	S			
Switching diagram				08 - ON/OFF switch 4 poles
N° of elements				2
				U12 - Front
				mounting without
Mounting form				front plate with
				key operation for hole diam. 22mm
				fixing
Contact characteristics	3			inding
Rated insulation voltag				
0		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	hermal current Ith			
		IEC/EN	А	25
		UL/CSA	Α	30
Rated operational volta	-		V	480
Rated operational imp	-		kV	4
Maximum fuse size for	r short-circuit protection In (gG)			<u>.</u>
		10kA	A	25
		15kA 25kA	A	25 25
Rated short time curre	nt low	20KA	A	25
Rated Short time curre		1s	А	400
Conductivity		10		10/5 mA/V
Operational current le	IEC/EN			
·	AC1/AC21A			
			А	25
	AC15			
		110V	А	16
		220/230V	А	12
		380/400V	A	8
Deted en enetienel neu		660/690V	A	2
Rated operational pow	Three-phase AC-3			
	Thee-phase AC-5	220/230V	kW	5.5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC-3			
	5 1 1 1 1 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
	Oingle share ACCOA	500/690V	kW	11
	Single-phase AC23A	44014	1-1.1.1	1 5
		110V	kW	1.5

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		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational cu	urrent in DC			
rated operational of	DC21A			
	DCZTA	401/		05
		48V	А	25
		60V	А	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	А	10 (4)
	DC13			
	Delis	241/	۸	05
		24V	A	25
		48V	A	20
		60V	А	16
		110V	А	1.5
		220V	A	0.4
Dower dissinction		2201	W	
Power dissipation			VV	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	AWO - Nigid Cable		A \ A/C	20
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Openductor size (IEO) Elevitele soble	IVICA	700	
	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			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direct	ct-on-line control			
	for three-phase motor			
	· · · · · ·	120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
	<u> </u>	120V	HP	1.5
		240V	HP	3
		240 V	n <b>r</b>	J
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°Č	+55
	Storage temperature	max		+55

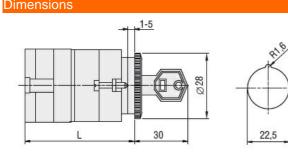
7GN2508U12 The characteristic

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



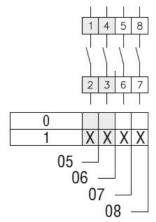
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	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensione			



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		EC001029 - Selector switch, complete