

7GN2508U11 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 25A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

				Rotary cam
Product designation				switches
Product type designation				7GN25
General characteristics				08 - ON/OFF
Switching diagram				switch 4 poles
N° of elements				2
Mounting form				U11 - Front mounting with black handle without front plate for hole diam.
				22mm fixing
Contact characteristics				g
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	ermal current Ith			05
		IEC/EN UL/CSA	A A	25 30
Rated operational volta		UL/CSA	X	480
Rated operational impu	-		kV	4
	short-circuit protection In (gG)			<u> </u>
		10kA	А	25
		15kA	А	25
		25kA	Α	25
Rated short time currer	nt Icw			
		1s	kA	400
Conductivity				10/5 mA/V
Operational current le	AC1/AC21A			
	AC 1/AC21A		А	25
	AC15			
		110V	А	16
		220/230V	А	12
		380/400V	А	8
		660/690V	A	2
Rated operational power				
	Three-phase AC-3	220/230V	kW	E
		380/440V	kW	5.5 7.5
		500/690V	kW	7.5
	Single-phase AC-3			
		110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			o -
		220/230V 380/440V	kW kW	6.5
		500/690V	kW	11 11
	Single-phase AC23A	500/030 V	17.6.6	
		110V	kW	1.5
		220/230V	kW	3.7

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		380/440V	kW	5.5
Rated operational cu	urrent in DC			
	DC21A			
	-	48V	А	25
		60V	A	25
		110V	A	4
		220V	A	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			
	DOIS	24V	٨	25
			A	25
		48V	A	20
		60V	A	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
	r terminale may		Nm	0.8
Tightening torque for	r terminais max		INM	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
		IVIdX	AWG	12
	Conductor size (IEC) - Flexible cable		2	
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data			0,0100	5410
	et on line control			
Motor power for dire				
	for three-phase motor			_
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
Analise to the little		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature		~	
			°C	40
		min	U	-40

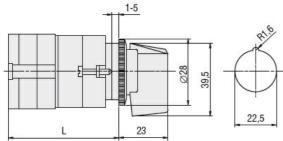
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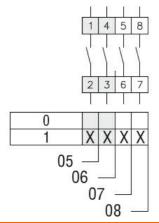
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	max °C +70
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



Corioo	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

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	on de la companya de	
ETIM 8.0		EC001029 - Selector switch, complete

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