

7GN2575U11 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 4 POLES 25A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

				Rotary cam
Product designation				switches
Product type designat				7GN25
General characteristic	S			75 - Changeover
Switching diagram				switch 4 poles
N° of elements				4
				U11 - Front
				mounting with black handle
Mounting form				without front plate
				for hole diam.
Contact characteristics	S			22mm fixing
Rated insulation voltage				
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith			
		IEC/EN	A	25
Rated operational volt	200	UL/CSA	A V	30 480
Rated operational imp			kV	4
	r short-circuit protection In (gG)			
		10kA	А	25
		15kA	А	25
		25kA	A	25
Rated short time curre	ent Icw	1s	kA	400
Conductivity		15	KA	10/5 mA/V
Operational current le	IEC/EN			10/3 11/4 1
	AC1/AC21A			
			А	25
	AC15			
		110V	A	16
		220/230V 380/400V	A A	12 8
		660/690V	A	2
Rated operational pow	ver in AC			
	Three-phase AC-3			
		220/230V	kW	5.5
		380/440V	kW	7.5
	Single-phase AC-3	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			
		220/230V	kW	6.5
		380/440V	kW	11
	Single-phase AC23A	500/690V	kW	11
	Cingic pridoc ACZOA	110V	kW	1.5
		220/230V	kW	3.7

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		380/440V	kW	5.5
Rated operational c	current in DC			
	DC21A			
		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			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features	S			
Terminals screw				M3.5
Tightening torque for	or terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	THEX.	/	10
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVICA	700	12
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	WidX		т
		min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIAX		4 5x10 ⁶
UL technical data			cycles	5810
Motor power for dire	act-on-line control			
	for three-phase motor	4001/	ЦР	2
		120V	HP up	3
		240V	HP	5
		480V	HP	10
	· · · · · · · · · · · · · · · · · · ·	600V	HP	15
	for single-phase motor	1001		4 5
		120V	HP	1.5
Amelaisent		240V	HP	3
Ambient conditions				
Temperature	•			
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40

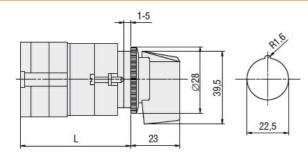
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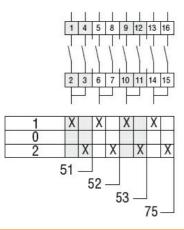
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°C +70 max Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00 Dimensions



Series	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		
ETIM 8.0		EC001029 - Selector switch, complete

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