

## **7GN2575U12** ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 4 POLES 25A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Droduct designation				Rotary cam
Product designation				switches
Product type designat General characteristic				7GN25
	5			75 - Changeover
Switching diagram				switch 4 poles
N° of elements				4
				U12 - Front
				mounting without front plate with
Mounting form				key operation for
				hole diam. 22mm
				fixing
Contact characteristics				
Rated insulation voltag		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	nd voltage Uimp	02,00,1	kV	6
Conventional free air t				
		IEC/EN	А	25
		UL/CSA	А	30
Rated operational volt			V	480
Rated operational imp	•		kV	4
Maximum fuse size to	r short-circuit protection In (gG)	101/0	٨	25
		10kA 15kA	A A	25 25
		25kA	A	25
Rated short time curre	ent Icw			
		1s	kA	400
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		٨	05
	AC15		A	25
	ACTS	110V	А	16
		220/230V	A	12
		380/400V	А	8
		660/690V	А	2
Rated operational pow				
	Three-phase AC-3	/ /		
		220/230V	kW	5.5
		380/440V 500/690V	kW kW	7.5 7.5
	Single-phase AC-3	300/0901	K V V	1.5
		110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW kW	11 11
	Single-phase AC23A	500/690V	ĸvv	11
	Cingie pridoe Adzon	110V	kW	1.5
		220/230V	kW	3.7

7GN2575U12



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		380/440V	kW	5.5
Rated operational cur	rent in DC			
-	DC21A			
		48V	А	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC22A (polos in series)	220 V	Λ	0.7
	DC23A (poles in series)	241/	^	OF (4)
		24V	A	25 (1)
		48V	A	25 (2)
		60V	А	25 (3)
		110V	A	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	A	1.5
		220V	A	0.4
Power dissipation		2201	W	1.1
Mechanical features			vv	1.I
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	Max	ANO	12
	Conductor size (IEC) - Flexible cable	in the		0.5
		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 direc	t-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		240V 480V		
			HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storago tomporatura	IIIdX	U	FUU
	Storage temperature		• •	40
		min	°C	-40

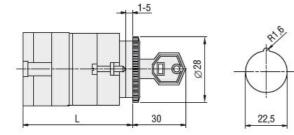
7GN2575U12

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



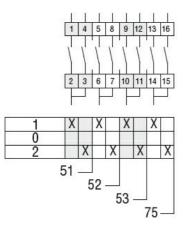
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max°C+70Resistance & ProtectionIP40Frontal IP degreeIP40Terminals IP degreeIP00DimensionsIP00



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

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	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		
		EC001029 -
ETIM 8.0		Selector switch,

Selector switcl complete

7GN2575U12