

7GN1275U12 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 4 POLES 16A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Dre duct de cierre stierr				Rotary cam
Product designation	switches			
Product type designat				7GN12
	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 characteristic				
Rated insulation voltage	ge Ui			000
		IEC/EN UL/CSA	V V	690 600
Rated impulse withsta	und voltage Llimp	0L/C3A	kV	6
Conventional free air t			κv	0
		IEC/EN	А	16
		UL/CSA	A	15
Rated operational vol	age		V	480
Rated operational imp	oulse voltage		kV	4
Maximum fuse size fo	r short-circuit protection In (gG)			
		10kA	А	16
		15kA	A	10
		25kA	A	10
Rated short time curre	ent ICW	10	LA	200
Conductivity		1s	kA	10/5 mA/V
Operational current le				10/3 IIIA/ V
oporational outront to	AC1/AC21A			
			А	16
	AC15			
		110V	А	10
		220/230V	А	8
		380/400V	A	4
Deted energianal ne		660/690V	A	1.5
Rated operational pov	Three-phase AC-3			
	mee-phase AC-3	220/230V	kW	2.5
		380/440V	kW	4
		500/690V	kW	5.5
	Single-phase AC-3			
		110V	kW	0.8
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A	000/000)/	1.3.47	0
		220/230V 380/440V	kW kW	3 5.5
		500/690V	kW	5.5 7.5
	Single-phase AC23A	000/0001	11.00	
		110V	kW	0.8
		220/230V	kW	1.7

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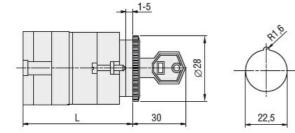
		380/440V	kW	3
Rated operational cu	rrent in DC			
·	DC21A			
		48V	А	12
		60V	А	12
		110V	А	4
		220V	А	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	А	5 (3)
		220V	A	5 (4)
	DC13			
		24V	A	12
		48V	A	10
		60V	A	8
		110V	A	1
		220V	А	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	o =
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
UL technical data				
Motor power for direc				
	for three-phase motor	1001		4 5
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			o =
		120V	HP	0.5
A pobio pt equalities		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature	! -	° ^	25
		min	°C °C	-25
	Storogo tomporativa	max	°C	+55
	Storage temperature		° ^	40
		min	°C	-40

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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



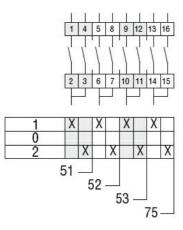
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max°C+70Resistance & ProtectionIP40Frontal IP degreeIP40Terminals IP degreeIP00DimensionsIP00



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

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