

7GN1207U12 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 16A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Droduct designation				
Product designation				switches
Product type designat General characteristic				7GN12
	5			07 - ON/OFF
Switching diagram				switch 3 poles
N° of elements				2
				U12 - Front
				mounting without front plate with
Mounting form				key operation for
				hole diam. 22mm
				fixing
Contact characteristics				
Rated insulation voltag	je Ui			
		IEC/EN	V	690
Datad impulse withoto	ad valte en Lliere	UL/CSA	V kV	600
Rated impulse withsta Conventional free air the			KV	6
		IEC/EN	А	16
		UL/CSA	A	15
Rated operational volt	age	01,00,1	 V	480
Rated operational imp	-		kV	4
	r short-circuit protection In (gG)			
		10kA	А	16
		15kA	А	10
		25kA	Α	10
Rated short time curre	nt Icw			
• • • • •		1s	A	200
Conductivity				10/5 mA/V
Operational current le	AC1/AC21A			
	ACT/ACZTA		А	16
	AC15		~	10
		110V	А	10
		220/230V	А	8
		380/400V	А	4
		660/690V	А	1.5
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	2.5
		380/440V 500/690V	kW kW	4 5.5
	Single-phase AC-3	500/0901	K V V	5.5
	ongie-phase AC-3	110V	kW	0.8
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A			
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	7.5
	Single-phase AC23A		1-147	0.0
		110V	kW	0.8

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		220/230V	kW	1.7
		380/440V	kW	3
Rated operational cur	rent in DC			
	DC21A			
		48V	А	12
		60V	А	12
		110V	A	4
		220V	A	0.6
		440V		0.25
		440 V	A	0.25
	DC23A (poles in series)	0.01/	•	40 (4)
		24V	A	10 (1)
		48V	А	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	А	5 (4)
	DC13			
		24V	А	12
		48V	А	10
		60V	А	8
		110V	A	1
		220V	A	0.4
		440V	A	0.4
Dowor dissinction		440 V	W	0.8
Power dissipation Mechanical features			VV	0.8
Terminals screw				M3
	terminale max		Nime	
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	IVIDA		2.0
	CONTRACTOR SIZE (IEC) - RIGIN CADIE		2	0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10⁰
UL technical data				
Motor power for direc				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions		,		
Temperature				
	Operating temperature			
	oporating temperature	min	°C	-25
			°C	-25 +55
	Otorogo tomportune	max	U	+00
	Storage temperature			

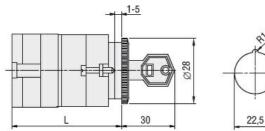
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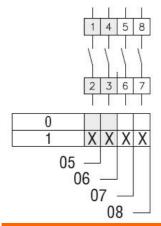
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	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimonoiona			



Series	L			
	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

Dimensions

