

ENERGY AND AUTOMATION

7GN1269U12 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 4 POLES 16A, electric FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING

Product designation			^D
-			switches
Product type designation			7GN12
General characteristics			CO. Ohennessen
Switching diagram			69 - Changeover switch without 0 4 poles
N° of elements			4
			U12 - Front
			mounting without
Mounting form			front plate with
incoming term			key operation for hole diam. 22mm
			fixing
Contact characteristics			lixing
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	16
	UL/CSA	Α	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	16
	15kA	A	10
Rated short time current Icw	25kA	A	10
Rated short time current icw	1s	А	200
Conductivity	15	A	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	16
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	А	4
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
Single phase AC 2	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	000,1101		<i>L</i> . <i>L</i>
	220/230V	kW	3
	380/440V	kW	5.5
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.8

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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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		220/230V	kW	1.7
		380/440V	kW	3
Rated operational cu				
	DC21A			
		48V	А	12
		60V	A	12
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	0.417	•	10 (1)
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
	D 010	220V	А	5 (4)
	DC13	0.01/	۸	10
		24V	A	12
		48V	A	10
		60V	A	8
		110V	A	1
		220V	A	0.4
B		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				MO
Terminals screw			Nine	M3
Tightening torque for	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			00
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			00
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			0.5
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			0.5
		min	mm²	0.5
Mechanical life		Max	mm²	2.5
UL technical data			cycles	3x10 ⁶
Motor power for direct	ct-on-line control			
	for three-phase motor			
	101 11100-1110101	120V	HP	1.5
		120V 240V	HP HP	3
	for single phase motor	24UV		ა
	for single-phase motor	120V	HP	0.5
		120V 240V	HP HP	0.5 1
Ambient conditions		240V		I
Temperature				
remperature	Operating temperature			
	Operating temperature	min	°C	-25
		min	°C	-25
	Storogo tomporaturo	max	U	+55
	Storage temperature			

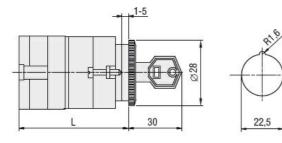
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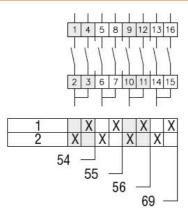
	min max	°C °C	-40 +70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

Dimensions



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

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