

7GN1269U11 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 4 POLES 16A, electric FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

Product designation			<sup>n</sup> Rotary cam
			switches
Product type designation General characteristics			7GN12
Switching diagram			69 - Changeover switch without 0 4
N° of elements			poles 4
Mounting form			U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing
Contact characteristics Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
	IEC/EN UL/CSA	A A	16 15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			10
	10kA 15kA	A A	16 10
	25kA	A	10
Rated short time current Icw	2010 (	~~~~	
	1s	А	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		•	40
AC15		A	16
AC13	110V	А	10
	220/230V	A	8
	380/400V	А	4
	660/690V	A	1.5
Rated operational power in AC			
Three-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	220/230V	kW	3
	380/440V	kW	5.5
	500/690V	kW	7.5
Single-phase AC23A	110\/	L\\/	0.9

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110V

kW

0.8



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		220/230V	kW	1.7
		380/440V	kW	3
Rated operational cu	urrent in DC			
	DC21A			
		48V	А	12
		60V	A	12
		110V	A	4
		220V	A	0.6
		440V	А	0.25
	DC23A (poles in series)	<b>•</b> 414		
		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	A	8
		110V	A	1
		220V	A	0.4
		440V		
Den en l'actualité		440 V	<u>A</u>	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque fo	r 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	THOM:	/	
		min	mm²	0.5
	Conductor size (IEO) - Disideral la	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10°
UL technical data				
Motor power for dire	ct-on-line control			
	for three-phase motor			
				1.5
		120V	HP	1.5
		120V 240V	HP HP	3
	for single-phase motor			
	for single-phase motor	240V	HP	3
	for single-phase motor	240V 120V	HP HP	3 0.5
Ambient conditions	for single-phase motor	240V	HP	3
Ambient conditions	for single-phase motor	240V 120V	HP HP	3 0.5
Ambient conditions Temperature		240V 120V	HP HP	3 0.5
	for single-phase motor Operating temperature	240V 120V 240V	HP HP HP	3 0.5 1
		240V 120V 240V min	HP HP HP	3 0.5 1 -25
		240V 120V 240V	HP HP HP	3 0.5 1

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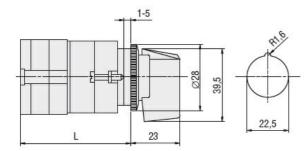
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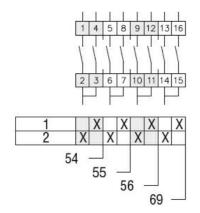
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00

Dimensions



Corioo	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		
	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