

7GN1255U11 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 2 POLES 16A, electric FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

				Rotary cam
Product designation				switches
Product type designati				7GN12
General characteristics	S			EE Changeouer
Switching diagram				55 - Changeover switch without 0 2 poles
N° of elements				2
				U11 - Front
				mounting with
Mounting form				black handle
3				without front plate for hole diam.
				22mm fixing
Contact characteristics	3			22mm hxting
Rated insulation voltag				
-		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	А	16
		UL/CSA	A	15
Rated operational volta			V	480
Rated operational imp			kV	4
Maximum fuse size for	r short-circuit protection In (gG)			
		10kA	A	16
		15kA 25kA	A A	10 10
Rated short time curre	nt low	2014	A	10
		1s	kA	200
Conductivity		10	10.1	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	A	1.5
Rated operational pow				
	Three-phase AC-3	000/0001/	1.1.1/	0 F
		220/230V 380/440V	kW kW	2.5 4
		500/690V	kW	4 5.5
	Single-phase AC-3	300/0301	N V V	0.0
		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			
		110V	kW	0.8

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		220/230V	kW	1.7
		380/440V	kW	3
Rated operational cur				
	DC21A	48V	А	12
		40V 60V	A	12
		110V	A	4
		220V	A	4 0.6
		440V		
		440 V	A	0.25
	DC23A (poles in series)	24V	А	10 (1)
		48V	A	10 (2)
		48V 60V	A	10 (2)
		110V	A	
				5 (3)
	DC13	220V	A	5 (4)
	DC13	24V	۸	12
		24 v 48 V	A A	
		48 V 60 V		10
			A	8
		110V	A	1
		220V	A	0.4
<b>D</b>		440V	<u>A</u>	0.15
Power dissipation			W	0.8
Mechanical features Terminals screw				MO
	torminals may		Nine	M3
Tightening torque for	terminais 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			
		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
		480V	HP	50
		600V	HP	40
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
			-	-

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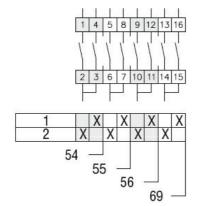
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	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			

1-5 028 39,5 22,5 L 23

Series	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 . 1:

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		
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

## 7GN1255U11