

7GN1269O48 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 4 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation			Rotary cam
			switches
Product type designation General characteristics			7GN12
Switching diagram			69 - Changeover switch without 0 4 poles
N° of elements			4
Mounting form Contact characteristics			O48 - Modular service cover for 35mm din rail mounting with black handle
Rated insulation voltage Ui			
-	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	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)	10kA 15kA 25kA	A A A	16 10 10
Rated short time current Icw			
	1s	kA	200
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A		А	16
AC15			
	110V 220/230V 380/400V	A A A	10 8 4
Rated operational power in AC	660/690V	A	1.5
Three-phase AC-3	220/230V 380/440V 500/690V	kW kW	2.5 4
Single-phase AC-3	200/090V	kW	5.5
Single-phase AC-5	110V 220/230V	kW kW	0.8 1.5
	380/440V	kW	2.2
Three-phase AC23A	220/230V	kW	3
	380/440V	kW	5.5
Single-phase AC23A	500/690V	kW	7.5
	110V 220/230V	kW kW	0.8 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	A	0.6
		440V	A	0.25
	DC23A (poles in series)	0.417	۸	40 (4)
		24V	A	10 (1)
		48V	A	10 (2)
		60V 110V	A	10 (3) 5 (2)
		220V	A	5 (3) 5 (4)
	DC13	2200	A	5 (4)
	DC13	24V	А	12
		24 V 48 V	A	10
		48 V 60 V	A	8
		110V	A	o 1
		220V	A	0.4
		440V	A	0.4
Power dissipation		440 V		0.8
Mechanical features			vv	0.0
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	-		
	· · · · ·	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10⁰
UL technical data				
Motor power for dire	ct-on-line control			
	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			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40

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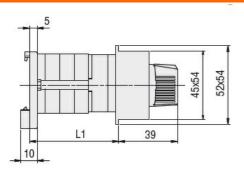
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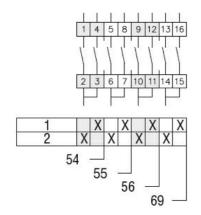
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	max °C +70
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



Series	L1			
Series	1	2	3	
7GN12	38.1	47.8	57.5	
7GN20	38.1	47.8	57.5	
7GN25	42.5	56.1	69.7	

Wiring diagrams



Certifications and compliance

Comp	liance
Comp	nunoc

·	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