

ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 1 POLE 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

7GN2554O48

Product designation			Rotary cam
Product type designation			switches 7GN25
General characteristics			79123
Switching diagram			54 - Changeover switch without 0 1 pole
N° of elements			1
Mounting form			O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics			
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	25 30
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	25 25 25
Rated short time current Icw			
Or a durativity	1s	kA	400 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 mA/v
AC1/AC21A		А	25
AC15			
	110V 220/230V 380/400V 660/690V	A A A A	16 12 8 2
Rated operational power in AC	000,000 (L
Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	5.5 7.5 7.5
Single-phase AC-3		••••	-
	110V 220/230V 380/440V	kW kW kW	1.5 3 5.5
Three-phase AC23A	220/230V	kW	6.5
	380/440V	kW	11
Single-phase AC23A	500/690V	kW	11
Single-phase AOZSA	110V 220/230V	kW kW	1.5 3.7

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		380/440V	kW	5.5
Rated operational c	urrent in DC			
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	А	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	A	25 (2)
		48V 60V		
			A	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
	DC13			
		24V	A	25
		48V	А	20
		60V	А	16
		110V	А	1.5
		220V	А	0.4
Power dissipation			W	1.1
Mechanical features				····
Terminals screw				M3.5
Tightening torque fo	or terminale may		Nm	0.8
			INITI	0.0
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
		Ινίαλ	111111	4
	Conductor size (IEC) - Rigid cable		2	. -
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		400V 600V	HP	15
	for single-phase motor	000 V	. 11	.0
	for single-phase motor	4001/	ЦР	1 5
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	-		
		min	°C	-40
			<u> </u>	10

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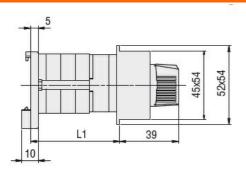
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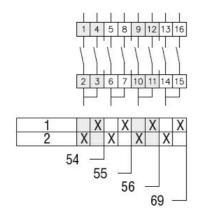
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	max °C +70
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



Cariaa	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

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