

ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

7GN2552O48

				<sup>B</sup> Rotary cam
Product designation				switches
Product type designati				7GN25
General characteristics Switching diagram				52 - Changeover switch 2 poles
N° of elements				2
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltag	je Ui			
		IEC/EN	V	690
Rated impulse withstar	nd voltago Llimp	UL/CSA	V kV	600 6
Conventional free air th			κv	0
		IEC/EN	А	25
		UL/CSA	A	30
Rated operational volta	age		V	480
Rated operational impulse voltage			kV	4
Maximum fuse size for	r short-circuit protection In (gG)			
		10kA	А	25
		15kA	А	25
		25kA	A	25
Rated short time curre	nt Icw	4 -	•	400
Conductivity		1s	A	400 10/5 mA/V
Operational current le				10/3 IIIA/ V
	AC1/AC21A			
			А	25
	AC15			
		110V	А	16
		220/230V	А	12
		380/400V	А	8
		660/690V	A	2
Rated operational pow				
	Three-phase AC-3	000/000)/	1-3.47	
		220/230V 380/440V	kW kW	5.5
		500/690V	kW	7.5 7.5
	Single-phase AC-3	000/0001		1.0
		110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A			
		220/230V	kW	6.5
		380/440V	kW	11
	Oingle share ACCOA	500/690V	kW	11
	Single-phase AC23A	110V	L\\/	15
		220/230V	kW kW	1.5 3.7
		220/230V	ΝVV	5.7

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		380/440V	kW	5.5
Rated operational cu	urrent in DC			
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	A	0.7
	DC23A (poles in series)			
		24V	A	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
	D010	220V	A	10 (4)
	DC13	0.417	۸	05
		24V 48V	A	25
		48 V 60 V	A	20 16
			A	
		110V 220V	A A	1.5 0.4
Dower dissinction		2200	A W	1.1
Power dissipation Mechanical features			٧V	I.I
Terminals screw				M3.5
Tightening torque for	r terminals may		Nm	0.8
Conductor size			1 111	0.0
	AWG - Rigid cable			
	AWG Rigid cable	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	Max	/	10
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for dire	ct-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature		• •	<u></u>
		min	°C	-25
		max	°C	+55
	Storage temperature		•	10
		min	°C	-40

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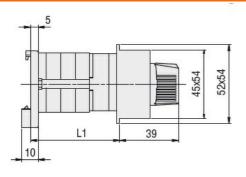
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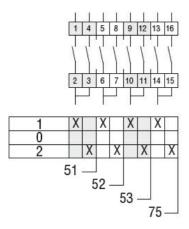
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	max °C +70
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



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

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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