

**7GN2575O48** ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 4 POLES 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

<b>-</b>				<sup>。</sup> Rotary cam
Product designation				switches
Product type designati				7GN25
General characteristics	6			75 Changeouer
Switching diagram				75 - Changeover switch 4 poles
N° of elements				4
				O48 - Modular
Mounting form				service cover for 35mm din rail
Mounting form				mounting with
				black handle
Contact characteristics	3			
Rated insulation voltag	le Ui			
		IEC/EN	V	690
Deted impulse with star		UL/CSA	V kV	600
Rated impulse withstar Conventional free air th	•		KV	6
		IEC/EN	А	25
		UL/CSA	A	30
Rated operational volta	age		V	480
Rated operational imp			kV	4
	short-circuit protection In (gG)			
		10kA	А	25
		15kA	Α	25
		25kA	A	25
Rated short time curre	nt Icw	10	۸	400
Conductivity		1s	A	10/5 mA/V
Operational current le	IEC/EN			10/0 11/4/ 0
oporational outront to	AC1/AC21A			
			А	25
	AC15			
		110V	А	16
		220/230V	А	12
		380/400V	A	8
Deted energianel new		660/690V	A	2
Rated operational pow	Three-phase AC-3			
	Thee-phase AC-5	220/230V	kW	5.5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC-3			
		110V	kW	1.5
		220/230V	kW	3
		380/440V	kW	5.5
	Three-phase AC23A	000/0001/	1.3.67	0.5
		220/230V	kW	6.5
		380/440V 500/690V	kW kW	11 11
	Single-phase AC23A	500/090V	r v v	11
		110V	kW	1.5
		220/230V	kW	3.7

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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	А	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	А	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	А	10 (4)
	DC13			
		24V	А	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	r terminals max		Nm	0.8
Conductor size				
0.0000000000000000000000000000000000000	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	more	/	
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	Max	/0	12
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	THOM:		
		min	mm²	0.5
		Max	mm²	4
Mechanical life		Max	cycles	5x10 <sup>6</sup>
UL technical data			Cycle3	5710
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	3
		120V 240V	HP	5
		240V 480V	HP	5 10
		480V 600V	HP	15
	for single phase motor	0007	ΠP	15
	for single-phase motor	120V	HP	1.5
		120V 240V	HP	3
Ambient conditions		24UV		ა 
Temperature				
remperature	Operating town and the			
	Operating temperature		°C	25
		min		-25
	Starage town and true	max	°C	+55
	Storage temperature		° <b>^</b>	40
		min	°C	-40

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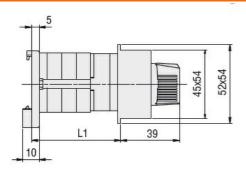
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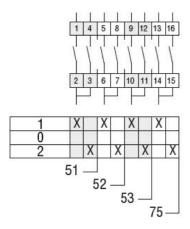
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	max °C +70
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



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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