

7GN2597O48 ROTARY CAM SWITCH 7GN SERIES, AMMETER SWITCH 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

				Rotary cam
Product designation				switches
Product type designation				7GN25
General characteristics				
Switching diagram				97 - Ammeter switch
N° of elements				5
Mounting form				O48 - Modular service cover for 35mm din rail mounting with
				black handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
Deter L'acceltate d'Alexandre		UL/CSA	V	600
Rated impulse withstar Conventional free air th			kV	6
Conventional free all tr	iermai current itn	IEC/EN	А	25
		UL/CSA	A	30
Rated operational volta	age		V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	А	25
		15kA	A	25
Rated short time curre	at low	25kA	A	25
Rated short time curren	it icw	1s	kA	400
Conductivity		13	N/N	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			А	25
	AC15			10
		110V 220/230V	A	16
		380/400V	A A	12 8
		660/690V	A	2
Rated operational pow	er in AC			
	Three-phase AC-3			
		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			
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A	44017	L-\\\/	1 5
		110V 220/230V	kW kW	1.5 3.7
		380/440V	kW	5.5

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Rated operational c	urrent in DC			
	DC21A			
		48V	А	25
		60V	А	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)	2200	Λ	0.7
	DC23A (poles in series)	241/	۸	05 (4)
		24V	A	25 (1)
		48V	A	25 (2)
		60V	А	25 (3)
		110V	А	12 (3)
		220V	Α	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	A	1.5
		220V	A	0.4
Power dissipation		2201	W	1.1
Mechanical features	· · · · · · · · · · · · · · · · · · ·		V V	1.1
Terminals screw				M3.5
Tightening torque for	or terminals max		Nm	0.8
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	Max	/	12
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10°
UL technical data				
Motor power for dire	ect-on-line control			
-	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		480V 600V	HP	15
	for single phase mater	0000		10
	for single-phase motor			4 5
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°Č	+55
	Storage temperature	max		· - -
	owaye temperature	min	°C	-40
		max	°C	+70

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

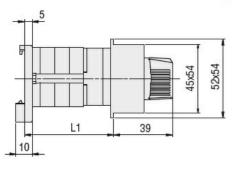


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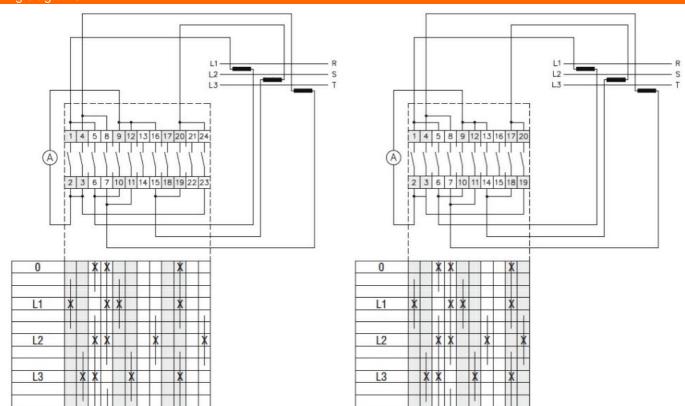
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Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



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

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	EAC	
	UL	
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		EC001029 -

ETIM 8.0

ETIM classifica

EC001029 -Selector switch, complete

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