## 7GN2552O48



ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 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 characteristic	5			52 - Changeover
Switching diagram				switch 2 poles
N° of elements				2
				O48 - Modular
Mounting form				service cover for 35mm din rail
Mounting form				mounting with
				black handle
Contact characteristics	3			
Rated insulation voltage	je Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air th	hermal current Ith			
		IEC/EN	A	25
		UL/CSA	A	30
Rated operational volt			V	480
Rated operational imp			kV	4
Maximum fuse size for	r short-circuit protection In (gG)			
		10kA	A	25
		15kA	A	25
Datad abort time aurre	at low	25kA	A	25
Rated short time curre	Int ICW	1s	kA	400
Conductivity		15	ĸA	10/5 mA/V
Operational current le				10/3 IIIA/ V
Operational current le	AC1/AC21A			
	A01/A021A		А	25
	AC15		7.	20
		110V	А	16
		220/230V	A	12
		380/400V	А	8
		660/690V	А	2
Rated operational pow	ver 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			o <b>F</b>
		220/230V	kW	6.5
		380/440V	kW	11
	Single phase AC22A	500/690V	kW	11
	Single-phase AC23A	44017	L/\//	15
		110V 220/230V	kW kW	1.5 3.7
		380/440V	kW	5.5
		550/440 V	17.4.6	0.0

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2	ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 25A, MODULAR
Ξ	ERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE
1	45X54MM

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Rated operational cu	rrent in DC			
	DC21A			
	DOZIA	48V	А	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)			
		24V	A	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	A	1.5
		220V	A	0.4
Power dissipation		2201	W	1.1
Mechanical features			vv	···
Terminals screw				M3.5
Tightening torque for	torminals may		Nm	
	terminals max		INITI	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			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
	( , 3	min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data			0)0.00	
Motor power for dired	ct-on-line control			
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		240V 480V		
			HP	10
	for single phase with	600V	HP	15
	for single-phase motor			
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

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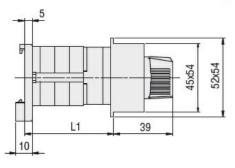
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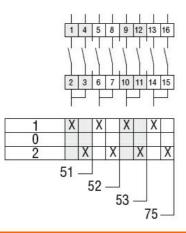
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Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



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		
	cCSAus	
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

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