

**7GN2551O48** ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 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				51 - Changeover
Switching diagram				switch 1 pole
N° of elements				1
				O48 - Modular
Mounting form				service cover for 35mm din rail
Mounting form				mounting with
				black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
Datad impulse withster	ad voltago Llimp	UL/CSA	V kV	<u>600</u> 6
Rated impulse withstar Conventional free air th			ĸv	0
		IEC/EN	А	25
		UL/CSA	A	30
Rated operational volta	age		V	480
Rated operational impu	ulse voltage		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	25
		15kA	A	25
Rated short time curre	at low	25kA	A	25
Rated Short time curren		1s	kA	400
Conductivity		13		10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			А	25
	AC15			
		110V	A	16
		220/230V 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	440\/		4 5
		110V 220/230V	kW kW	1.5 3
		380/440V	kW	5.5
	Three-phase AC23A	000/1107		
		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC23A			
		110V	kW	1.5
		220/230V 380/440V	kW kW	3.7 5.5
		300/440V	ΝVV	0.0

7GN2551O48



7GN2551O48 ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE

45X54MM

Rated operational cur	rrent in DC			
Raleu operational cui	DC21A			
	DOZIA	48V	А	25
		40V 60V	A	25
		110V	A	4
		220V	A	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 for	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			
		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 direc				
	for three-phase motor	4001/		2
		120V	HP	3
		240V	HP	5
		480V	HP	10
	for single phase motor	600V	HP	15
	for single-phase motor	4001/		1 5
		120V 240V	HP HP	1.5 3
Ambient conditions		240 V	ΠP	3
Temperature				
iomporatoro	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	Παλ	0	100
		min	°C	-40
		max	°C	+70
		тах	5	

7GN2551O48

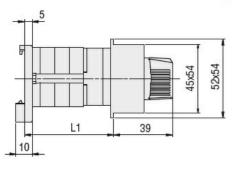
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding





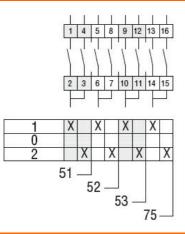
ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 25A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

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

7GN2551O48