

7GN2505O48 ROTARY CAM SWITCH 7GN SERIES, ON-OFF 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 characteristic	S			
Switching diagram				05 - ON/OFF switch 1 pole
N° of elements				1
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics	6			
Rated insulation voltag	je Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air th	hermal current Ith		•	05
		IEC/EN UL/CSA	A	25 30
Rated operational volta	200	UL/CSA	A V	480
Rated operational imp	-		kV	4
	r short-circuit protection In (gG)		IX V	
		10kA	А	25
		15kA	А	25
		25kA	А	25
Rated short time curre	nt Icw			
		1s	kA	400
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		А	25
	AC15		A	25
	A013	110V	А	16
		220/230V	A	12
		380/400V	А	8
		660/690V	Α	2
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	5.5
		380/440V	kW	7.5
	Single-phase AC-3	500/690V	kW	7.5
	Single-phase AC-S	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			
		110V	kW	1.5
		220/230V 380/440V	kW kW	3.7 5.5
		300/440V	ΝVV	0.0

7GN2505O48



Rated operational cu	rrent in DC			
	DC21A			
		48V	А	25
		40V 60V	A	25
		110V	А	4
		220V	A	0.7
	DC23A (poles in series)			
		24V	А	25 (1)
		48V	А	25 (2)
		60V	A	25 (3)
		110V	A	
				12 (3)
		220V	A	10 (4)
	DC13			
		24V	А	25
		48V	А	20
		60V	А	16
		110V	A	1.5
		220V		0.4
Dewer die sie stiere		2201	A	
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	AWG - Nigiu cable		A \ A/O	00
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
				0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	4
Mechanical life			cycles	5x10 ⁶
UL technical data			0,0100	0,110
	at on line control			
Motor power for direc				
	for three-phase motor			
		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
	for single phase motor	0007		
	for single-phase motor	1001		A F
		120V	HP	1.5
		240V	HP	3
Ambient conditions				
Temperature				
	Operating temperature			
	oporating tomporation	min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

7GN2505O48

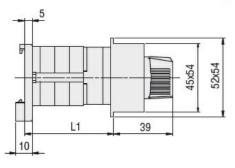
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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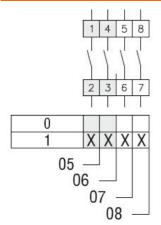
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	

COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM



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