

## **7GN1206O48** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation			Rotary cam
-			switches
Product type designation General characteristics			7GN12
			06 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			O48 - Modular
Mounting form			service cover for 35mm din rail
			mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui		V	<u></u>
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	ULCSA	kV	6
Conventional free air thermal current Ith			0
	IEC/EN	А	16
	UL/CSA	А	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	16
	15kA 25kA	A A	10 10
Rated short time current Icw	ZJKA	A	10
	1s	kA	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	16
AC15	440)/	٨	4.0
	110V 220/230V	A A	10 8
	380/400V	A	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
Single phase AC 2	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.8
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A			
	220/230V	kW	3
	380/440V	kW	5.5
0	500/690V	kW	7.5
Single-phase AC23A	44017	L-\\\/	0.9
	110V 220/230V	kW kW	0.8 1.7
	380/440V	kW	3
	000/110/		~

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Rated operational current in DC

Rated operational cur				
	DC21A			
		48V	А	12
		60V	А	12
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	10 (1)
		48V	A	10 (2)
		40V 60V	A	
				10 (3)
		110V	A	5 (3)
	<b>D</b> 040	220V	A	5 (4)
	DC13	<b>•</b> • • •		
		24V	А	12
		48V	А	10
		60V	А	8
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	most	/	
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Elevible coble	IVIAX	AWG	14
	Conductor size (IEC) - Flexible cable		······2	0.5
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		_	
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 <sup>6</sup>
UL technical data				
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions		240V	HP	1
Ambient conditions		240V	HP	1
Ambient conditions Temperature	Operating temperature	240V	HP	1
	Operating temperature			
	Operating temperature	min	°C	-25
	Operating temperature Storage temperature	min	°C	-25

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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

°C

max

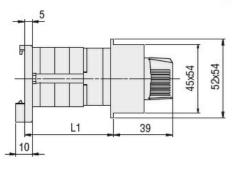
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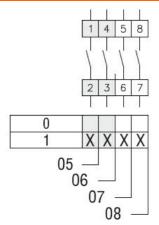
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Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



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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