

7GN25107U47 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 1 POLE 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Deschart de sien atien			^B Rotary cam
Product designation			switches
Product type designation General characteristics			7GN25
			107 - Multi-step
Switching diagram			0-1-2 1 pole
N° of elements			1
Mounting form			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Dated impulse withstand voltage Llimp	UL/CSA	V kV	<u>600</u> 6
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		KV	0
	IEC/EN	А	25
	UL/CSA	A	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	25
	15kA	A	25
Rated short time current Icw	25kA	A	25
Rated Short time current icw	1s	А	400
Conductivity	10		10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	25
AC15			
	110V	A	16
	220/230V	A	12
	380/400V 660/690V	A A	8 2
Rated operational power in AC	000,0001		<u> </u>
Three-phase AC-3			
	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC-3	440\/	1.1.1.7	4 5
	110V 220/230V	kW kW	1.5 3
	380/440V	kW	5.5
Three-phase AC23A		1 X V V	
	220/230V	kW	6.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC23A			
	110V	kW	1.5
	220/230V	kW	3.7

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		380/440V	kW	5.5
Rated operational cu				
	DC21A			
		48V	А	25
		60V	А	25
		110V	А	4
		220V	Α	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	r terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	10
	AWG - Flexible cable	Max	////0	10
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIDA	700	12
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable	IVICA		<u>т</u>
	Conductor size (IEC) - Rigid Cable	min	mm²	0.5
		Max	mm²	4
Mechanical life		IVIAA		5x10 ⁶
UL technical data			cycles	5X 10*
	et en line control			
Motor power for dire				
	for three-phase motor	4001/		2
		120V	HP	3
		240V	HP	5
		480V	HP	10
		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

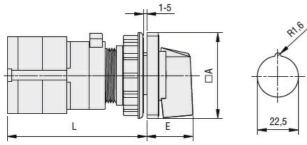
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7GN25107U47

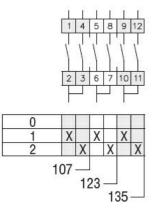
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Series	Dimensions		L			
	□A	E	1	2	3	8
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

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