7GN12109U47



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4, 1 POLE 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches 7GN12
General characteristics			7GN12
Switching diagram			109 - Multi-step 0-1-2-3-4 1 pole
N° of elements			2
Mounting form			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			
Rated insulation voltage Ui			<u></u>
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	UL/CSA	kV	6
Conventional free air thermal current Ith		κv	U
	IEC/EN	А	16
	UL/CSA	A	15
Rated operational voltage	01,00,1	V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	16
	15kA	А	10
	25kA	А	10
Rated short time current Icw			
	1s	kA	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	16
AC15	44014	•	10
	110V	A	10
	220/230V	A	8
	380/400V 660/690V	A	4
Rated operational power in AC	000/090 V	A	1.5
Three-phase AC-3			
milee-phase A0-3	220/230V	kW	2.5
	380/440V	kW	4
	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
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.8
	220/230V	kW	1.7
	380/440V	kW	3

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Rated operational cu	urrent in DC			
•	DC21A			
	BOEIN	48V	А	12
		60V	A	12
		110V	A	4
		220V	А	0.6
		440V	А	0.25
		100	Λ	0.20
	DC23A (poles in series)			
		24V	A	10 (1)
		48V	А	10 (2)
		60V	А	10 (3)
		110V	A	5 (3)
		220V	Α	5 (4)
	DC13			
		24V	А	12
		48V	А	10
		60V	A	8
		110V	A	1
		220V	Α	0.4
		440V	А	0.15
Power dissipation			W	0.8
			vv	0.0
Mechanical features				
Terminals screw				M3
Tightening torque for	r terminals max		Nm	0.5
Conductor size				-
	ANAC Divid apple			
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	Conductor size (IEC) - Rigid Cable		2	o -
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 ⁶
UL technical data			,	
	et en line control			
Motor power for dire				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
	ior single-phase motor			0.5
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
. sinpolataro	On exercise a terms exerting			
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		min	°C	
		max	°C	+70

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IP40

IP00



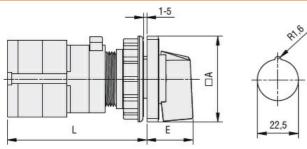
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Resistance & Protection

Frontal IP degree

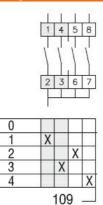
Terminals IP degree

Dimensions



Cariaa	Dimer	nsions			L	
Series	□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

oompilarioo		
	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		
		EC001029 -
ETIM 8.0		Selector switch,
		complete

Selector switch complete

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