

ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM



Product designation			Rotary cam
•			switches 7GN12
Product type designation General characteristics			7 GN 12
			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
			U47 - Snap on
Mounting form			fron mounting with black handle
Wounting form			for hole diam.
			22mm finxing
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEO/EN	•	4.0
	IEC/EN UL/CSA	A	16 15
Poted approximately voltage	UL/CSA	A V	480
Rated operational voltage Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ΚV	
Maximum rase size for short should protestion in (90)	10kA	Α	16
	15kA	Α	10
	25kA	Α	10
Rated short time current lcw			
	1s	Α	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	16
AC15	440)/	•	4.0
	110V	A	10
	220/230V 380/400V	A A	8 4
	660/690V	A	1.5
Rated operational power in AC	000/0001	- 7.	1.0
Three-phase AC-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



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	Three-phase AC23A			
		220/230V	kW	3
		380/440V	kW	5.5
		500/690V	kW	7.5
	Single-phase AC23A			
	3 4 1 1 1 1	110V	kW	0.8
		220/230V	kW	1.7
		380/440V	kW	3
Rated operational c	urrent in DC	300/440 V	KVV	3
Nated operational c	DC21A			
	DCZTA	40\/	٨	40
		48V	A	12
		60V	A	12
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	10 (1)
		48V	Α	10 (2)
		60V	Α	10 (3)
		110V	Α	5 (3)
		220V	A	5 (4)
	DC13	2201		<u> </u>
	B013	24V	Α	12
		48V		
			A	10
		60V	Α	8
		110V	Α	1
		220V	Α	0.4
-		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features	S			
Terminals screw				M3
Tightening torque for	or terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	o	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA	,,,,,	
	AVVO - I IEVINIE CANIE	min	AWG	20
	Conductor sinc (IEO) - Florid Level Le	Max	AWG	14
	Conductor size (IEC) - Flexible cable		•	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 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
,	for three-phase motor			
	.s. and phase motor	120V	HP	1.5
		240V	HP	3
	for single phase mater	Z4UV	ПР	J
	for single-phase motor			0.5
		120V	HP	0.5
		240V	HP	1



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Dimensions

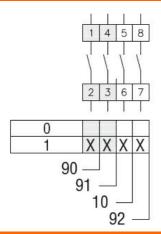
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Ambient conditions Temperature Operating temperature °C min -25 °C +55 max Storage temperature °C min -40 °C +70 max Resistance & Protection Frontal IP degree **IP40** Terminals IP degree IP00

1-5 E

Carias	Dimensions		L			
Series	□A	Е	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	
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IEC/EN	/BS	60947	-1
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IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

cCSAu	٤
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EAC

UL

ETIM classification



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7GN1292U47

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ETIM 8.0

EC001029 -Selector switch, complete