



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 3 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			7GN12
Switching diagram			94 - Multi-step 1- 2-3-4 3 poles
N° of elements			6
Mounting form			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	OLIOOA	kV	6
Conventional free air thermal current Ith		,	
	IEC/EN UL/CSA	A A	16 15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	А	16
	15kA	Α	10
	25kA	Α	10
Rated short time current lcw	1s	kA	200
Conductivity	13	N/1	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	16
AC15			_
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	4
Dated analysis and mayor in AC	660/690V	Α	1.5
Rated operational power in AC Three-phase AC-3			
Tillee-pilase AO-0	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
Throa phose AC22A	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 c				
	DC21A			
		48V	Α	12
		60V	Α	12
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)	1101	- / \	0.20
	DC23A (poles ili selles)	24V	۸	10 (1)
		48V	A	10 (1)
			A	10 (2)
		60V	Α	10 (3)
		110V	Α	5 (3)
		220V	Α	5 (4)
	DC13			
		24V	Α	12
		48V	Α	10
		60V	Α	8
		110V	Α	1
		220V	Α	0.4
		440V	A	0.15
Power dissipation		7701	W	0.8
Mechanical features	<u> </u>		V V	0.0
Terminals screw				M3
	er terminale may		Nm	
Tightening torque fo	ir terminais max		INIII	0.5
Conductor size				
	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			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVICA	cycles	3x10 ⁶
UL technical data			Cycles	JA 10
Motor power for dire	ect-on-line control			
Motor Power for diff				
	for three-phase motor	4001/	ווס	1 E
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
	3 1	min	°C	-40
		max	°C	+70
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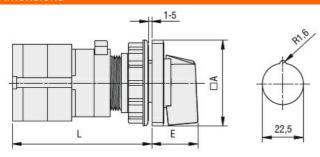


ENERGY AND AUTOMATION

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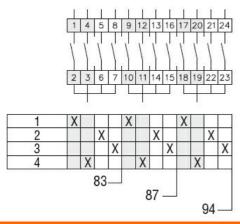
Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

Dimensions



Series	Dimensions		L			
	□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

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