



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 1 POLE 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Draduat designation			Rotary cam
Product designation			switches
Product type designation  General characteristics			7GN12
Switching diagram			05 - ON/OFF
			switch 1 pole
N° of elements			1
			U47 - Snap on fron mounting
Mounting form			with black handle
3			for hole diam.
			22mm finxing
Contact characteristics			
Rated insulation voltage Ui	IFO/FN		222
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current li		ΚV	<u> </u>
	IEC/EN	Α	16
	UL/CSA	Α	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit pro	otection In (gG)		
	10kA	Α	16
	15kA	Α	10
	25kA	Α	10
Rated short time current Icw	,	_	
Consult restinities	1s	Α	200
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACIIACZIA		Α	16
AC15		,,	
,,,,,,	110V	Α	10
	220/230V	Α	8
	380/400V	Α	4
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase			
	220/230V	kW	2.5
	380/440V 500/690V	kW kW	4 5.5
Single-phase		KVV	J.J
On gie-priase	110V	kW	0.8
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase			
	220/230V	kW	3
	380/440V	kW	5.5
	500/690V	kW	7.5
Single-phase			0.0
	110V	kW	0.8
	220/230V	kW	1.7



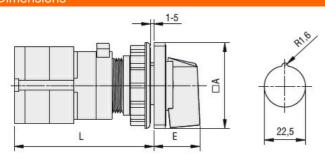
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		380/440V	kW	3
Rated operational c				
	DC21A			
		48V	Α	12
		60V	Α	12
		110V	A	4
		220V	A	0.6
		440V	Α	0.25
	DC23A (poles in series)	0.41/	^	40 (4)
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
	DC42	220V	Α	5 (4)
	DC13	241/	۸	10
		24V 48V	A ^	12
		48 V 60 V	A	10
		110V	A	8
			A	1
		220V	A	0.4
Power dissipation		440V	— A W	0.15
Power dissipation Mechanical features			VV	0.8
rechanical realures erminals screw				M3
	or terminals may		Nm	0.5
ightening torque fo	or terminals max		INIII	0.5
onductor size	AMC Digid apple			
	AWG - Rigid cable	min	AWG	20
		min Mov		20
	ANAC Florible cable	Max	AWG	12
	AWG - Flexible cable	min	AWG	20
		min Mov		20
	Conductor size (IEC) - Flexible cable	Max	AWG	14
	Conductor size (IEC) - Plexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) Digid coble	IVIAX	111111	2.5
	Conductor size (IEC) - Rigid cable	min	mm²	0.5
		min Max	mm²	0.5 2.5
Mechanical life		IVIAX		3x10 <sup>6</sup>
JL technical data			cycles	3710
Notor power for dire	act-on-line control			
notor power for diff				
	for three-phase motor	120V	HP	1.5
		120V 240V	HP	1.5 3
	for single phase mater	Z4UV	пг	J
	for single-phase motor	1001/	ПD	0.5
		120V 240V	HP HP	0.5
mbient conditions		Z4UV		1
emperature	Operating temperature			
	Operating temperature	!	°C	25
		min	°C	-25 - 55
		max	°C	+55
	Ctorono tomono anticina			
	Storage temperature	min	°C	-40



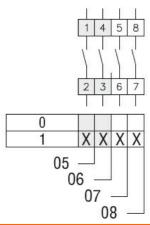
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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



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