



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 2 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches 7GN20
General characteristics			7 61120
Switching diagram			123 - Multi-step 0-1-2 2 poles
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	IEC/EN	\ /	000
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	ODCOA	kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	20
	UL/CSA	Α	20
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	20
	15kA	A	16
Rated short time current lcw	25kA	Α	16
Nated Short time current icw	1s	kA	250
Conductivity	13	IV-V	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	20
AC15			_
	110V	Α	10
	220/230V	Α	8
	380/400V	A	6
Poted energtional power in AC	660/690V	A	1.5
Rated operational power in AC Three-phase AC-3			
Three phase No o	220/230V	kW	3
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.8
	220/230V	kW	2.2
	380/440V	kW	3
Three-phase AC23A	220/2201/	[2] [4]	E
	220/230V 380/440V	kW kW	5 7.5
	380/440V 500/690V	kW	7.5 7.5
Single-phase AC23A	300/0301	IV V V	1.0
Olligio pliaso Nozon	110V	kW	0.8
	220/230V	kW	2.5
	380/440V	kW	3.7





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Rated operational cur				
	DC21A	40)/		00
		48V	A	20
		60V	A	20
		110V	A	4
		220V	A	0.6
	DOOM (salas is as is a)	440V	Α	0.25
	DC23A (poles in series)	0.41/	Δ.	00 (4)
		24V	A	20 (1)
		48V	A	20 (2)
		60V 110V	A	20 (3)
		220V	A A	10 (3)
	DC13	220 V	A	8 (4)
	DC13	241/	۸	20
		24V 48V	A	20 16
		60V	A A	12
		110V	A	12
		220V	A	0.4
		220V 440V	A	0.4 0.15
Power dissination		440 V	W	0.15
Power dissipation lechanical features			VV	0.0
erminals screw				M3
	torminals may		Nm	0.5
Fightening torque for	terminals max		INIII	0.5
Conductor size	ANA/O Distil calla			
	AWG - Rigid cable		A1A/O	00
		min	AWG	20
	AVAICA Flavible askla	Max	AWG	12
	AWG - Flexible cable		A1A/C	20
		min Max	AWG	20
	On the transit (IFO) Florible and I	Max	AWG	14
	Conductor size (IEC) - Flexible cable	min	mama <sup>2</sup>	0 F
		min Mov	mm²	0.5
	Conductor size (IEC) Digid coble	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	min	m.m.2	0.5
		min Mov	mm²	0.5
Asshanical life		Max	mm²	2.5 5×106
Mechanical life  JL technical data			cycles	5x10 <sup>6</sup>
	t-on-line control			
	t-on-line control for three-phase motor	1201/	UD	1.5
		120V	HP up	1.5
		240V	HP	3
		240V 480V	HP HP	3 7.5
	for three-phase motor	240V	HP	3
		240V 480V 600V	HP HP HP	3 7.5 10
	for three-phase motor	240V 480V 600V	HP HP HP	3 7.5 10
Notor power for direc	for three-phase motor	240V 480V 600V	HP HP HP	3 7.5 10
Motor power for direc	for three-phase motor	240V 480V 600V	HP HP HP	3 7.5 10
Motor power for direc	for three-phase motor  for single-phase motor	240V 480V 600V	HP HP HP	3 7.5 10
Motor power for direc	for three-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 7.5 10 0.75 2
Motor power for direct  Ambient conditions  Temperature	for three-phase motor  for single-phase motor	240V 480V 600V	HP HP HP	3 7.5 10



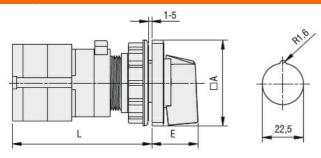


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min	°C	-40
max	°C	+70

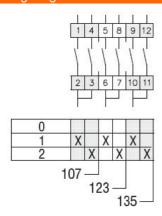
Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00

## Dimensions



Series	Dimer	ensions L		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