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



Product designation			Rotary cam
			switches
Product type designation General characteristics			7GN20
			91 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			U47 - Snap on
Manustin of famo			fron mounting
Mounting form			with black handle for hole diam.
			22mm finxing
Contact characteristics			Ü
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	^	0.0
	IEC/EN UL/CSA	A	20 20
Rated operational voltage	UL/CSA	A V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		IX V	
maturian race dize for effect effects and in (ge)	10kA	Α	20
	15kA	Α	16
	25kA	Α	16
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		^	00
AC15		A	20
AC13	110V	Α	10
	220/230V	A	8
	380/400V	Α	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3
	380/440V	kW	5.5
Cingle whose AC C	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.8
	220/230V	kW	2.2
	380/440V	kW	3



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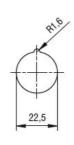
	Three-phase AC23A			
	•	220/230V	kW	5
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A	000/0001	1000	7.0
	Single-phase AC23A	110\/	Iz\A/	0.0
		110V	kW	0.8
		220/230V	kW	2.5
		380/440V	kW	3.7
Rated operational cu				
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	A	0.6
	D0004 (1 : :)	440V	Α	0.25
	DC23A (poles in series)		_	(1)
		24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13		- '`	0 (1)
	DC 13	24V	٨	20
			A	
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				0.0
Terminals screw				M3
Tightening torque fo	r tarminals may		Nm	0.5
	I terrimais 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) Elevible coble	IVIAX	AWG	17
	Conductor size (IEC) - Flexible cable	•	2	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	5x10 ⁶
UL technical data			- , 5.55	
	act-on-line control			
Motor power for dire				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor			. •
	for single-phase motor			



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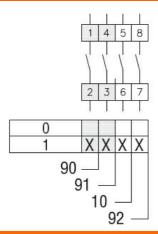
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
Dimensions				

1-5 L



	Series	Dimer	nsions	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
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IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

cCSAus

EAC



7GN2091U47

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UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete