

7GN2007U47 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

			Rotary cam
Product designation			switches
Product type designation			7GN20
General characteristics			07 - ON/OFF
Switching diagram			switch 3 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 UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	01/03/	kV	6
Conventional free air thermal current Ith		17.4	<u> </u>
	IEC/EN	А	20
	UL/CSA	А	20
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	4014	٨	20
	10kA 15kA	A A	20 16
	25kA	A	16
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	20
AC15		A	20
A013	110V	А	10
	220/230V	А	8
	380/400V	А	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	3
	220/230V 380/440V	kW	5 5.5
	500/440V	kW	5.5
Single-phase AC-3			
	110V	kW	0.8
	220/230V	kW	2.2
	380/440V	kW	3
Three-phase AC23A	220/230V	kW	5
	220/230V 380/440V	kW	5 7.5
	500/440V	kW	7.5
Single-phase AC23A			
	110V	kW	0.8
	220/230V	kW	2.5
	380/440V	kW	3.7

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



ENERGY AND AUTOMATION

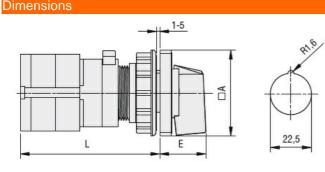
Roted exerctional current in DC				
Rated operational current in DC DC21A				
DCZTA	4	3V	А	20
		SV DV	A	20
	6 11		A	4
	22			
			A	0.6
	44	JV	A	0.25
DC23A (po	oles in series)		_	(1)
		4V	Α	20 (1)
		BV	А	20 (2)
		VC	А	20 (3)
	11		А	10 (3)
	22	JV	Α	8 (4)
DC13				
	2	4V	А	20
	4	3V	А	16
	6	JV	А	12
	11		А	1
	22		A	0.4
	44		A	0.15
Power dissipation			W	0.8
Mechanical features			• •	0.0
Terminals screw				M3
Tightening torque for terminals max	/		Nm	0.5
Conductor size	<u> </u>			0.0
	id aabla			
AWG - Rig		nin	AWG	20
		nin		20
		ax	AWG	12
AWG - Fle				
		nin	AWG	20
		ax	AWG	14
Conductor	size (IEC) - Flexible cable	_	_	
		nin	mm²	0.5
		ax	mm²	2.5
Conductor	size (IEC) - Rigid cable			
	n	nin	mm²	0.5
	N	ax	mm²	2.5
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-on-line conti	rol			
for three-p	hase motor			
	12	ΟV	HP	1.5
	24		HP	3
	48		HP	7.5
	60		HP	10
for single-r	phase motor			-
	12	אַר	HP	0.75
	24		HP	2
Ambient conditions	24			-
Temperature				
-	temperature			
Operating	temperature		°C	25
		nin	°C 2°	-25
		ax	°C	+55
Storade te	mperature			



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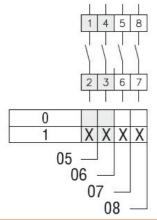
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	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensione			



Cariaa	Dimensions		L			
Series	□A	E	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		EC001105 - Off-
		load owitab

load switch