

7GN2006U47

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
Switching diagram				06 - ON/OFF switch 2 poles
N° of elements				1
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics				
Rated insulation voltag	e Ui	JEO/EN		000
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar	nd voltage Llimp	UL/CSA	kV	6
Conventional free air th			K V	
Conventional free all t	omai odnom un	IEC/EN	A	20 20
Rated operational volta	200	UL/CSA	A V	480
Rated operational impu			kV	4
	short-circuit protection In (gG)		ΚV	
Waxiii a 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	chart chaut protoction in (gC)	10kA	Α	20
		15kA	Α	16
		25kA	Α	16
Rated short time curre	nt Icw			
		1s	Α	250
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			
			Α	20
	AC15	440)/		4.0
		110V	A	10
		220/230V	A	8
		380/400V 660/690V	A A	6 1.5
Rated operational pow	er in AC	000/030 V		1.0
rtated operational pow	Three-phase AC-3			
		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			_
		220/230V	kW	5
		380/440V	kW	7.5
	Cingle phase AC22A	500/690V	kW	7.5
	Single-phase AC23A	110V	 2/1/	0.8
		220/230V	kW kW	0.8 2.5
		ZZU/Z3U V	r\ v V	۷.5



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		380/440V	kW	3.7
Rated operational currer				
	DC21A	401/	Δ.	00
		48V	A	20
		60V 110V	A	20 4
		220V	A A	0.6
		440V	A	0.8
	DC23A (poles in series)	440 V		0.23
	DOZOA (poles ili selles)	24V	Α	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	Α	8 (4)
	DC13	2201	,,	0 (1)
	5010	24V	Α	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		7701	W	0.8
Mechanical features			**	0.0
Terminals screw				M3
Tightening torque for ter	 minals max		Nm	0.5
Conductor size				0.0
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
,	AWG - Flexible cable	- -		
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	<u></u>		
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		<u> </u>	
	(-, 0	min	mm²	0.5
		Max	mm²	2.5
		<u> </u>	cycles	5x10 ⁶
Mechanical life			,	
UL technical data	n-line control			
UL technical data Motor power for direct-o				
UL technical data Motor power for direct-o	n-line control for three-phase motor	120V	HP	1.5
JL technical data Motor power for direct-o		120V 240V	HP HP	1.5 3
UL technical data Motor power for direct-o		240V	HP	3
JL technical data Motor power for direct-o		240V 480V		3 7.5
UL technical data Motor power for direct-o	for three-phase motor	240V	HP HP	3
		240V 480V 600V	HP HP HP	3 7.5 10
UL technical data Motor power for direct-o	for three-phase motor	240V 480V 600V	HP HP HP	3 7.5 10 0.75
JL technical data Motor power for direct-o	for three-phase motor	240V 480V 600V	HP HP HP	3 7.5 10
JL technical data Motor power for direct-o	for three-phase motor	240V 480V 600V	HP HP HP	3 7.5 10 0.75
JL technical data Motor power for direct-o Ambient conditions Temperature	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP	3 7.5 10 0.75
UL technical data Motor power for direct-o Ambient conditions Temperature	for three-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 7.5 10 0.75 2
UL technical data Motor power for direct-o Ambient conditions Temperature	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP	3 7.5 10 0.75

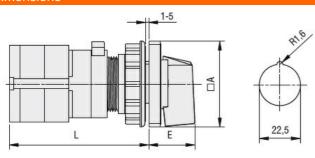


Resistance & Protect
Frontal IP degree
Terminals IP degree

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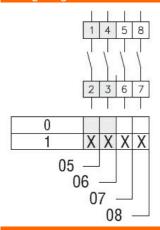
Storage temperature				
	min	°C	-40	
	max	°C	+70	
ion				
			IP40	
			IP00	

Dimensions



Series	Dimer	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

EC001105 - Offload switch