

## **7GN2006U11** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

				Rotary cam
Product designation				switches
Product type designation	ו			7GN20
General characteristics				
Switching diagram				06 - ON/OFF switch 2 poles
N° of elements				1
				U11 - Front
				mounting with
Mounting form				black handle without front plate
				for hole diam.
				22mm fixing
Contact characteristics				
Rated insulation voltage	Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand	•		kV	6
Conventional free air the	rmai current itn	IEC/EN	А	20
		UL/CSA	A	20
Rated operational voltag	e	02/00/	V	480
Rated operational impuls			kV	4
	hort-circuit protection In (gG)			
		10kA	А	20
		15kA	А	16
		25kA	A	16
Rated short time current	Icw			
O an du ativita		1s	kA	250
Conductivity Operational current le IE	C/EN			10/5 mA/V
•	AC1/AC21A			
			А	20
	AC15			
		110V	А	10
		220/230V	А	8
		380/400V	А	6
		660/690V	A	1.5
Rated operational power				
	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	000/0001/	1.547	-
		220/230V	kW	5
		380/440V 500/690V	kW kW	7.5 7.5
-	Single-phase AC23A	300/0807	N V V	1.0
		110V	kW	0.8
		220/230V	kW	2.5

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		000/4401/		0.7
		380/440V	kW	3.7
Rated operational cur				
	DC21A		_	
		48V	Α	20
		60V	A	20
		110V	A	4
		220V	Α	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	A	16
		40V 60V	A	12
		110V	A	1
		220V	A	0.4
Device allocation (1999)		440V	<u>A</u>	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		Nm	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) - Flexible cable		_	
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	Ινιάλ		
		min	mm²	0.5
Machanicallita		Max	mm²	2.5
Mechanical life			cycles	5x10 <sup>e</sup>
UL technical data				
Motor power for direc				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	7.5
		600V	HP	10
	for single-phase motor			
		120V	HP	0.75
		240V	HP	2
Ambient conditions				
Temperature				
. c.nporataro	Operating temperature			
	operating temperature	min	°C	-25
		111(1)		-20

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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

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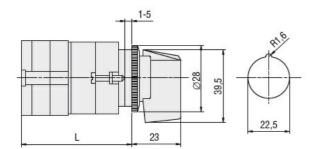
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+55



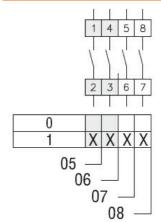
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Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			



Series	L			
	1	2	3	8
7GN12	47	56.7	66.4	114.9
7GN20	47	56.7	66.4	114.9
7GN25	51.4	65	78.6	146.6

## Wiring diagrams



## Certifications and compliance

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 switch