

### **7GN1208U47** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

			Rotary cam
Product designation			switches
Product type designation			7GN12
General characteristics			08 - ON/OFF
Switching diagram			switch 4 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	01/03A	kV	6
Conventional free air thermal current Ith		17.4	<u> </u>
	IEC/EN	А	16
	UL/CSA	А	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	16
	15kA 25kA	A A	10 10
Rated short time current Icw	231/1	~	10
	1s	kA	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
1015		A	16
AC15	110V	А	10
	220/230V	A	8
	380/400V	A	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
Single phase AC 2	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.8
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A			
	220/230V	kW	3
	380/440V	kW	5.5
	500/690V	kW	7.5
Single-phase AC23A	4401	1.1.1.1	0.0
	110V 220/230V	kW kW	0.8 1.7
	380/440V	kW	3
	00077700	1	~

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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

Rated operational cur	rrent in DC			
•	DC21A			
	DOLIN	40\/	۸	10
		48V	A	12
		60V	А	12
		110V	А	4
		220V	А	0.6
		440V	А	0.25
		100		0.20
	DC23A (poles in series)		_	
		24V	А	10 (1)
		48V	А	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	A	
	<b>DO</b> <i>t</i> (a)	2201	~	5 (4)
	DC13			
		24V	А	12
		48V	А	10
		60V	А	8
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
			Nime	
Tightening torque for	terminais max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
		IVIDA	ANO	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
		IVIAX	111111	2.0
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10 <sup>6</sup>
UL technical data			.,	-
	t on line control			
Motor power for direc				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5
				0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
		mux	<u> </u>	

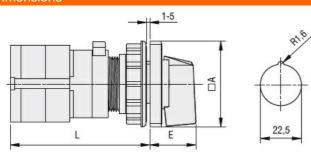
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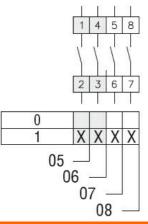
ENERGY AND AUTOMATION

Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
Dimensions	



Series	Dimensions		L			
	□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

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

## 7GN1208U47