

## **7GN1208U** ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches 7GN12
General characteristics			
Switching diagram			08 - ON/OFF switch 4 poles
N° of elements			2
Mounting form			U - Front mounting with black handle
Contact characteristics			black Harland
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			
	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	A	10
Detailed at the second data	25kA	A	10
Rated short time current Icw	10	Lε Δ	200
Conductivity	1s	kA	 10/5 mA/V
Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
		А	16
AC15			10
	110V	А	10
	220/230V	А	8
	380/400V	А	4
	660/690V	А	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
	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	222/2221	L\\/	2
	220/230V	kW	3
	380/440V 500/690V	kW kW	5.5 7.5
Single-phase AC23A	500/6907	r v v	7.5
Single-phase ACZSA	110V	kW	0.8
	220/230V	kW	1.7
	380/440V	kW	3
Pated operational current in DC	000,4401	1	~

## Rated operational current in DC

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	DC21A			
		48V	A	12
		60V	А	12
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	10 (1)
		48V	А	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	А	5 (4)
	DC13			
		24V	А	12
		48V	А	10
		60V	А	8
		110V	А	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		110 0	W	0.8
Mechanical features			vv	0.0
Terminals screw				M3
Tightening torque for te	orminals may		Nm	0.5
Conductor size			INITI	0.5
Conductor size				
	AWG - Rigid cable		A \ A/O	00
		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			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	3x10⁰
UL technical data				
Motor power for direct-	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature		-	
		min	°C	-40
		max	°C	+70
Resistance & Protection	on		U	

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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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Frontal IP degree		IP40
Terminals IP degree	)	IP00
Dimensions		
Wiring diagrams		
	5 8 1   6 7	
0 1 X X 05 - 06 - 07 -	XX	
08		
Certifications and co	ompliance	
Compliance		
	CSA C22.2 n° 14 IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-1 IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5 IEC/EN/BS 60947-5-1	
	UL60947-4-1	
Certificates	0200947-4-1	
Certificates	cCSAus	
	EAC	
	UL	
ETIM classification		
		EC004020

ETIM 8.0

EC001029 -Selector switch, complete