



Product designation			Rotary cam
			switches
Product type designation General characteristics			7GN12
			91 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			U - Front
Mounting form			mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690 690
Datad impulse withstand valtage Llimp	UL/CSA	V kV	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		KV	6
	IEC/EN	А	16
	UL/CSA	A	15
Rated operational voltage	01/00/	V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			1
	10kA	А	16
	15kA	A	10
	25kA	А	10
Rated short time current Icw			
	1s	А	200
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	16
AC15			
	110V	A	10
	220/230V	A	8
	380/400V	A	4
	660/690V	А	1.5
Rated operational power in AC			
Three-phase AC-3	220/2201/	1.1.1/	0.5
	220/230V	kW	2.5
	380/440V	kW	4
Cincle phase AC 2	500/690V	kW	5.5
Single-phase AC-3	1101/	F/V1	0.8
	110V	kW	0.8
	220/230V 380/440V	kW kW	1.5 2.2
Three-phase AC23A	30U/44UV	r v v	۷.۷
mee-phase ACZSA	220/230V	kW	3
	220/2300	L A A	5

7GN1291U

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



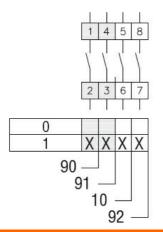
7GN1291U ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

		380/440V	kW	5.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.8
		220/230V	kW	1.7
		380/440V	kW	3
Poted operational au	irrant in DC	300/440 V	r v v	5
Rated operational cu				
	DC21A	401/		10
		48V	A	12
		60V	A	12
		110V	A	4
		220V	A	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	А	10 (1)
		48V	А	10 (2)
		60V	А	10 (3)
		110V	А	5 (3)
		220V	A	5 (4)
	DC13		- •	- \ '/
	2010	24V	А	12
		48V	A	10
		48V 60V	A	
				8
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
			Nm	M3 0.5
Terminals screw			Nm	
Terminals screw Tightening torque for	r terminals max		Nm	
Terminals screw Tightening torque for		min		0.5
Terminals screw Tightening torque for	r terminals max	min Max	AWG	0.5
Terminals screw Tightening torque for	r terminals max AWG - Rigid cable	min Max		0.5
Terminals screw Tightening torque for	r terminals max	Max	AWG AWG	0.5 20 12
Terminals screw Tightening torque for	r terminals max AWG - Rigid cable	Max min	AWG AWG AWG	0.5 20 12 20
Terminals screw Tightening torque for	r terminals max AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	0.5 20 12
Terminals screw Tightening torque for	r terminals max AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	0.5 20 12 20 14
Terminals screw Tightening torque for	r terminals max AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	0.5 20 12 20 14 0.5
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	0.5 20 12 20 14
Terminals screw Tightening torque for	r terminals max AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	0.5 20 12 20 14 0.5 2.5
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ²	0.5 20 12 20 14 0.5 2.5 0.5
Terminals screw Tightening torque for Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ² mm ²	0.5 20 12 20 14 0.5 2.5 0.5 2.5
Terminals screw Tightening torque for Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ²	0.5 20 12 20 14 0.5 2.5 0.5
Terminals screw Tightening torque for Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	0.5 20 12 20 14 0.5 2.5 0.5 2.5
Terminals screw Tightening torque for Conductor size Mechanical life	r terminals max AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	0.5 20 12 20 14 0.5 2.5 0.5 2.5
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	r terminals max AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	0.5 20 12 20 14 0.5 2.5 0.5 2.5
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	r terminals max AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	0.5 20 12 20 14 0.5 2.5 0.5 2.5 0.5 2.5 3x10 ⁶
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	r terminals max AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² mm ² cycles	0.5 20 12 20 14 0.5 2.5 0.5 2.5 3x10 ⁶ 1.5
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	r terminals max AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max min Max min Max	AWG AWG AWG Mm ² mm ² mm ² cycles	0.5 20 12 20 14 0.5 2.5 0.5 2.5 0.5 2.5 3x10 ⁶
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	r terminals max AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm ² mm ² mm ² cycles	0.5 20 12 20 14 0.5 2.5 0.5 2.5 3x10 ⁶ 1.5 3
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	r terminals max AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm ² mm ² mm ² cycles HP HP	0.5 20 12 20 14 0.5 2.5 0.5 2.5 3x10 ⁵ 1.5 3 0.5
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data Motor power for direct	r terminals max AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm ² mm ² mm ² cycles	0.5 20 12 20 14 0.5 2.5 0.5 2.5 3x10 ⁶ 1.5 3
Terminals screw Tightening torque for Conductor size Mechanical life UL technical data	r terminals max AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V	AWG AWG AWG mm ² mm ² mm ² cycles HP HP	0.5 20 12 20 14 0.5 2.5 0.5 2.5 3x10 ⁵ 1.5 3 0.5



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Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			
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		
		EC001029 -
		Selector switch

ETIM 8.0

EC001029 -Selector switch, complete