



Product designation			Rotary cam
-			switches
Product type designation			7GN63
General characteristics			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
			U - Front
Mounting form			mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Dete d'impulse with step durate de l'imp	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN	А	63
	UL/CSA	A	60
Rated operational voltage	00/00/	 V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			•
······································	10kA	А	63
	15kA	А	63
	25kA	А	63
	50kA	А	63
	63kA	Α	63
Rated short time current Icw			
	1s	A	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		۸	<u></u>
AC15		A	63
AC15	110V	А	32
	220/230V	A	25
	380/400V	A	15
	660/690V	A	4
Rated operational power in AC			
Three-phase AC-3			
·	220/230V	kW	11
	380/440V	kW	18.5
	500/690V	kW	18.5
Single-phase AC-3			
	110V	kW	3.7
	220/230V	kW	6.5
	380/440V	kW	11.5

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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



7GN6392U ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 63A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

	Three-phase AC23A			
		220/230V	kW	12.5
		380/440V	kW	30
		500/690V	kW	30
	Single-phase AC23A			
	5 1	110V	kW	3.7
		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational cur	rrent in DC	000,1101		1210
	DC21A			
	DOZIN	48V	А	63
		40V 60V	A	50
		110V		
			A	8
		220V	A	1
	DC23A (poles in series)		_	(.)
		24V	A	50 (1)
		48V	Α	50 (2)
		60V	A	50 (3)
		110V	А	25 (3)
		220V	Α	15 (4)
	DC13			
		24V	А	63
		48V	А	40
		60V	А	28
		110V	А	3.3
Power dissipation			W	3.4
Mechanical features				
				145
Terminals screw				M5
	terminals max		Nm	M5 2
Tightening torque for	terminals max		Nm	
			Nm	
Tightening torque for	terminals max AWG - Rigid cable	min		2
Tightening torque for		min Max	AWG	2
Tightening torque for	AWG - Rigid cable	min Max		2
Tightening torque for		Max	AWG AWG	2 14 6
Tightening torque for	AWG - Rigid cable	Max min	AWG AWG AWG	2 14 6 14
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	2 14 6
Tightening torque for	AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	2 14 6 14 8
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	2 14 6 14 8 2.5
Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	2 14 6 14 8
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	2 14 6 14 8 2.5 10
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	2 14 6 14 8 2.5 10 2.5
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	2 14 6 14 8 2.5 10 2.5 16
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	2 14 6 14 8 2.5 10 2.5
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	2 14 6 14 8 2.5 10 2.5 16
Tightening torque for Conductor size Mechanical life	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	2 14 6 14 8 2.5 10 2.5 16
Tightening torque for Conductor size Mechanical life UL technical data	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	2 14 6 14 8 2.5 10 2.5 16
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Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	2 14 6 14 8 2.5 10 2.5 16 5x10 ⁶ 7.5
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	2 14 6 14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm ² mm ² mm ² cycles	2 14 6 14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	2 14 6 14 8 2.5 10 2.5 16 5x10 ⁶ 7.5 15
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles	2 14 6 14 8 2.5 10 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V 600V 120V	AWG AWG AWG mm ² mm ² mm ² cycles HP HP HP HP HP	2 14 6 14 8 2.5 10 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25 25 3
Tightening torque for Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles	2 14 6 14 8 2.5 10 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25

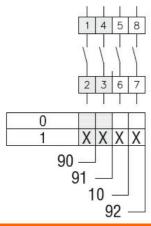
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Temperature

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

7GN6392U

	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	n	
ETIM 8.0		EC001105 - Off-

load switch