



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
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith		۸	<u></u>
	IEC/EN UL/CSA	A A	63 60
Rated operational voltage	UL/CSA	X	480
Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		ΚV	4
Waximam rase size for short broad protection in (ge)	10kA	А	63
	15kA	A	63
	25kA	A	63
	50kA	А	63
	63kA	А	63
Rated short time current Icw			
	1s	kA	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	63
AC15	44014		
	110V	A	32
	220/230V 380/400V	A A	25 15
	660/690V	A	4
Rated operational power in AC	000/030 v	~	4
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

7GN6392U

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			
	Single phase Rozor	110V	kW	3.7
		220/230V	kW	
				7.5
		380/440V	kW	12.5
Rated operational c				
	DC21A			
		48V	А	63
		60V	Α	50
		110V	А	8
		220V	А	1
	DC23A (poles in series)			
		24V	А	50 (1)
		48V	A	50 (2)
		60V	A	50 (3)
		110V	А	25 (3)
		220V	A	15 (4)
	DC13			
		24V	А	63
		48V	А	40
		60V	А	28
		110V	A	3.3
Power dissipation			W	3.4
Mechanical features			vv	0.4
Terminals screw				M5
Tightening torque fo	ar terminale may		Nm	2
			INITI	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		min Max	AWG AWG	14 8
	Conductor size (IEC) - Elevible cable	min Max	AWG AWG	14 8
	Conductor size (IEC) - Flexible cable	Max	AWG	8
	Conductor size (IEC) - Flexible cable	Max min	AWG	8
		Max	AWG	8
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max	AWG mm² mm²	8 2.5 10
		Max min Max min	AWG mm ² mm ² mm ²	8 2.5 10 2.5
		Max min Max	AWG mm² mm²	8 2.5 10 2.5 16
Mechanical life		Max min Max min	AWG mm ² mm ² mm ²	8 2.5 10 2.5
Mechanical life UL technical data		Max min Max min	AWG mm ² mm ² mm ²	8 2.5 10 2.5 16
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	AWG mm ² mm ² mm ²	8 2.5 10 2.5 16
	Conductor size (IEC) - Rigid cable ect-on-line control	Max min Max min	AWG mm ² mm ² mm ²	8 2.5 10 2.5 16
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles	8 2.5 10 2.5 16 5x10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable ect-on-line control	Max min Max min Max 120V	AWG mm ² mm ² mm ² cycles	8 2.5 10 2.5 16 5x10 ⁶ 7.5
UL technical data	Conductor size (IEC) - Rigid cable ect-on-line control	Max min Max min Max 120V 240V	AWG mm ² mm ² mm ² cycles HP HP	8 2.5 10 2.5 16 5x10 ⁶ 7.5 15
UL technical data	Conductor size (IEC) - Rigid cable ect-on-line control	Max min Max min Max 120V 240V 480V	AWG mm ² mm ² mm ² cycles HP HP HP	8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25
UL technical data	Conductor size (IEC) - Rigid cable ect-on-line control for three-phase motor	Max min Max min Max 120V 240V	AWG mm ² mm ² mm ² cycles HP HP	8 2.5 10 2.5 16 5x10 ⁶ 7.5 15
UL technical data	Conductor size (IEC) - Rigid cable ect-on-line control	Max min Max min Max 120V 240V 480V	AWG mm ² mm ² mm ² cycles HP HP HP	8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25
UL technical data	Conductor size (IEC) - Rigid cable ect-on-line control for three-phase motor	Max min Max min Max 120V 240V 480V	AWG mm ² mm ² mm ² cycles HP HP HP	8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25
UL technical data	Conductor size (IEC) - Rigid cable ect-on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm ² mm ² mm ² cycles HP HP HP HP	8 2.5 10 2.5 16 5x10 ⁶ 7.5 15 25 25

7GN6392U

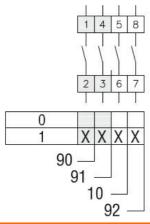


... . .

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

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

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 CSA C22.2 n° 14 IEC/EN/BS 60947-5 UL60947-4-1
IEC/EN/BS 60947-3 IEC/EN/BS 60947-5-1 UL60947-4-1 Certificates cCSAus EAC
IEC/EN/BS 60947-5-1 UL60947-4-1 Certificates cCSAus EAC
UL60947-4-1 Certificates <u>cCSAus</u> EAC
Certificates <u>cCSAus</u> EAC
cCSAus EAC
EAC
ETIM classification
EC001105 - O

load switch

ETIM 8.0