



Product designation			Rotary cam
			switches
Product type designation General characteristics			7GN63
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			U - Front
Mounting form			mounting with
Operatory of the property station			black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp	01/00/1	kV	6
Conventional free air thermal current Ith			•
	IEC/EN	А	63
	UL/CSA	А	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	63
	15kA	A	63
	25kA	A	63
	50kA 63kA	A A	63 63
Rated short time current Icw	OSKA	A	03
	1s	kA	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	63
AC15			
	110V	А	32
	220/230V	A	25
	380/400V	A	15
Rated operational power in AC	660/690V	A	4
Three-phase AC-3			
The phase Au-s	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



7GN6310U ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 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			
	0	110V	kW	3.7
		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational cu	urrent in DC			
	DC21A			
	BOLIN	48V	А	63
		40V 60V	A	50
		110V	A	8
		220V	Α	1
	DC23A (poles in series)	6 (1) (
		24V	A	50 (1)
		48V	Α	50 (2)
		60V	Α	50 (3)
		110V	A	25 (3)
		220V	А	15 (4)
	DC13			
		24V	А	63
		48V	А	40
		60V	А	28
		110V	А	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque fo	r terminals max		Nm	2
Conductor size				-
	AWG - Rigid cable			
	AWG - Nigid Cable	min	AWG	14
		Max	AWG	6
		IVIAX	AWG	0
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
	· · -	min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10⁰
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	7.5
		240V	HP	15
		240V 480V		
			HP	25
		600V	HP	25
	for single-phase motor			-
		120V	HP	3
Ambient conditions		240V	HP	10

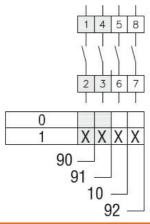
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Temperature

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

	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