7GN6307O

OVE ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 63A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation				Rotary cam switches
Product type designat	ion			7GN63
General characteristic				
Switching diagram				07 - ON/OFF switch 3 poles
N° of elements				2
Mounting form				O - Rear mounting with black handle
Contact characteristics	3			
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith		_	
		IEC/EN	A	63
		UL/CSA	<u>A</u>	60
Rated operational volt	-		V	480
Rated operational imp	-		kV	4
waximum ruse size io	r short-circuit protection In (gG)	10kA	۸	63
		15kA	A A	63
		25kA	A	63
		50kA	A	63
		63kA	A	63
Rated short time curre	ent Icw			
		1s	kA	1600
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	63
	AC15			
		110V	А	32
		220/230V	A	25
		380/400V	A	15
Deted energianal new		660/690V	A	4
Rated operational pow				
	Three-phase AC-3	220/230V	kW	11
		380/440V	kW	18.5
		500/690V	kW	18.5
	Single-phase AC-3	000,000		
		110V	kW	3.7
		220/230V	kW	6.5
		380/440V	kW	11.5
	Three-phase AC23A			
		220/230V	kW	12.5
		380/440V	kW	30
		500/690V	kW	30
	Single-phase AC23A			
		110V	kW	3.7
		220/230V	kW	7.5

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		380/440V	kW	12.5
Rated operational cur	rent in DC			
	DC21A			
		48V	А	63
		60V	Α	50
		110V	А	8
		220V	A	1
	DC23A (poles in series)			
		24V	Α	50 (1)
		48V	A	50 (2)
		60V	A	50 (3)
		110V	A	25 (3)
		220V	Α	15 (4)
	DC13	0 (1) (
		24V	A	63
		48V	A	40
		60V	A	28
Dowor dissingtion		110V	A W	3.3 3.4
Power dissipation Mechanical features			VV	3.4
Terminals screw				M5
	torminala may		Nm	2
Tightening torque for Conductor size	terminals max		INITI	2
Conductor size	ANAC Bigid apple			
	AWG - Rigid cable	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	XBIVI	AWG	0
	AWG - Flexible Cable	min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable	IVIAA	ANG	0
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable	IVICA		10
		min	mm²	2.5
		Max	mm²	16
Mechanical life		Max	cycles	5x10 ⁶
UL technical data			eyelee	6X10
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor	· · · ·		
		120V	HP	3
		240V	HP	10
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

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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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IP40

IP00

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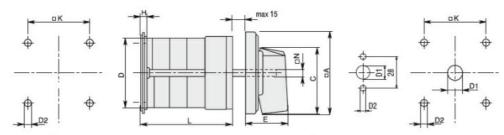
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Resistance & Protection

Frontal IP degree

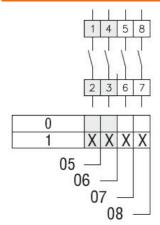
Terminals IP degree

Dimensions



Series	Dimensions					L Number of elements														
Series	□A	С	ØD	ØD2	E	Н	۵K	۵N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN25	48	39.5	43	5	26.5	5	36	6	42.5	56.1	69.7	83.3	96.9	110.5	124.1	137.7	151.3	164.9	178.5	192.1
7GN32	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN40	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN63	65	53	62	6	34.5	7.5	68	7	53.3	71.4	89.5	107.6	125.7	143.8	161.9	180	198.1	216.2	234.3	252.4
7GN125	90	70.5	86	6	41.4	7.5	68	9	74.8	103.9	133	162.1	191.2	220.3	249.4	278.5	307.6	336.7	365.8	394.9

Wiring diagrams



Certifications and compliance

Certifications and								
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 classificati	on							
		EC001029 -						
ETIM 8.0		Selector switch,						

Selector switch, complete

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