7GN6308P

Product designation			Enclosed rotary cam switch
Product type designation			7GN63
General characteristics			
Switching diagram			08 - ON/OFF switch 4 poles
N° of elements			2
Mounting form			P - Plastic enclosure 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			
	IEC/EN	A	63
	UL/CSA	A	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	4.01- 4	٨	<u></u>
	10kA 15kA	A A	63 63
	25kA	A	63
	23kA 50kA	A	63
	63kA	A	63
Rated short time current Icw	00101		00
	1s	kA	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	63
AC15			
	110V	А	32
	220/230V	А	25
	380/400V	А	15
	660/690V	A	4
Rated operational power in AC			
Three-phase AC-3	000/0001	1.1.47	44
	220/230V	kW	11
	380/440V 500/690V	kW	18.5
Single-phase AC-3	500/690V	kW	18.5
Single-phase AC-S	110V	kW	3.7
	220/230V	kW	6.5
	380/440V	kW	11.5
Three-phase AC23A	000,1101		
	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

7GN6308P

7GN6308P



electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

380/440V kW 12.5 Rated operational current in DC DC21A 48V А 63 60V 50 А 110V А 8 220V А 1 DC23A (poles in series) 24V А 50(1) 48V А 50 (2) 60V 50 (3) А 110V А 25 (3) 220V А 15 (4) DC13 24V А 63 48V 40 А 28 60V А 110V А 3.3 Power dissipation W 3.4 Mechanical features Terminals screw M5 2 Tightening torque for terminals max Nm Conductor size AWG - Rigid cable AWG min 14 AWG Max 6 AWG - Flexible cable min AWG 14 AWG Max 8 Conductor size (IEC) - Flexible cable min mm² 2.5 Max mm² 10 Conductor size (IEC) - Rigid cable mm² 2.5 min mm² Max 16 Mechanical life 5x10⁶ cycles UL technical data Motor power for direct-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 °C min -25 °C +55 max Storage temperature min °C -40 °C +70 max

7GN6308P

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

7GN6308P

ENERGY AND AUTOMATION

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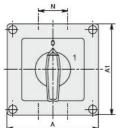
electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

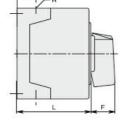
Resistance & Protection

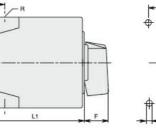
Frontal IP degree

Terminals IP degree

Dimensions







IP00

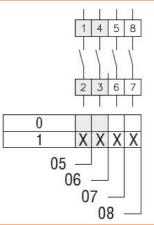
C1

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IP65

Series	Enclosure size	Number of	f elements		Dimensions									Cable	Protection
0.000000000		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	2000	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN25		1-2	3 - 4	90 90											
7GN32		1-2	3 - 4												
7GN40		1 2-3	2-3												
7GN12	110x110	1-4	5 - 8												
7GN20		1-4	5 - 8												
7GN25		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN32		1-3	4 - 5	110	110	50.4	00	4.5	32	21	39.5	00.0	119.5	471.021	IF05
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21 2xPG11	IP65
7GN40		1-2	3 - 4												
7GN63		1-2	3 - 4							21					
7GN125		1	2												
7GN32	180x254	1-5	6 - 8												
7GN40		1-4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63]	1-3	4 - 6	160	204	120	190	0.0	32	35	10	121	1/5	2xPG11	1200
7GN125		1-2	3 - 4												

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1	
IEC/EN/BS 60947-3	
IEC/EN/BS 60947-5-1	

Certificates

EAC

ETIM classification

7GN6308P

ENERGY AND AUTOMATION

7GN6308P EIECTIC ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

ETIM 8.0

EC001029 -Selector switch, complete