7GN4008P

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 40A IN PLASTIC ENERGY AND AUTOMATION

Draduat designation			Enclosed rotary
Product designation			cam switch
Product type designation			7GN40
General characteristics			08 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
			P - Plastic
Mounting form			enclosure with
Contact characteristics			black handle
Rated insulation voltage Ui			
Nated insulation voltage of	IEC/EN	V	690
	UL/CSA	v	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	40
	UL/CSA	А	50
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	40
	15kA	A	40
	25kA	A	40
	50kA 63kA	A A	40
Rated short time current Icw	OJKA	A	40
	1s	А	1000
Conductivity	13	~	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	40
AC15			
	110V	А	25
	220/230V	А	22
	380/400V	А	12
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	000/0001		0
	220/230V	kW	8
	380/440V 500/690V	kW	15
Single-phase AC-3	500/690 v	kW	15
Single-phase AC-3	110V	kW	3
	220/230V	kW	6.5
	380/440V	kW	8
Three-phase AC23A			
·	220/230V	kW	8
	380/440V	kW	18.5
	500/690V	kW	22
Single-phase AC23A			
	110V	kW	3
	220/230V	kW	6

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electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

		380/440V	kW	11
Rated operational cu	rrent in DC	300/440 V	K V V	11
	DC21A			
		48V	А	40
		60V	А	40
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
		24V	А	40 (1)
		48V	Α	40 (2)
		60V	А	40 (3)
		110V	A	20 (3)
		220V	Α	12 (4)
	DC13			
		24V	A	40
		48V	A	32
		60V	A	16
Device Parts of		110V	<u>A</u>	3
Power dissipation			W	2.0
Mechanical features				N44
Terminals screw			Nisa	M4
Tightening torque for	terminais max		Nm	1.2
Conductor size	AVA/C Divid apple			
	AWG - Rigid cable	min	AWG	16
		min Max	AWG	16 8
	AWG - Flexible cable	IVIdX	AWG	0
	AVVG - Flexible Cable	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable	IVIAA	ANG	10
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	more		0
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data			,	
Motor power for direc	ct-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	20
		600V	HP	20
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
	-	max	°C	+55
	Storage temperature			10
		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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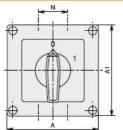
ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

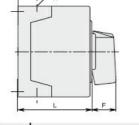
Resistance & Protection

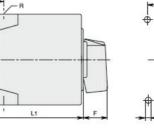


Terminals IP degree

Dimensions







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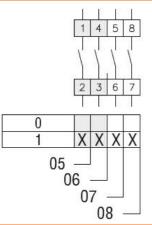
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IP65 ٦

	Enclosure	Number o	f elements	č	Dimensions				Cable	Protectio					
Series size L	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	Cable 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	1000	10000					25252		1000000000		-	
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32		1-2	3 - 4												
7GN40		1	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	05	4.5	52	21	09.0	00.0	113.5	471.021	1105
7GN40		1-2	3 - 5												1
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40		1-2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63		1-2	3 - 4	125	175	140	112	0.0	02	21	00	04.0	110.0	2xPG11	11 00
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	100	204	120	130	0.0	32	35	10	121	115	2xPG11	105
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

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ETIM 8.0

EC001029 -Selector switch, complete