

7GN4052P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

				Enclosed rotary
Product designation				cam switch
Product type designa				7GN40
General characteristic	CS			
Switching diagram				52 - Changeover switch 2 poles
N° of elements				2
Mounting form				P - Plastic enclosure with
Contact characteristic				black handle
Rated insulation volta				
	90 01	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	and voltage Uimp		kV	6
Conventional free air				
		IEC/EN	А	40
		UL/CSA	А	50
Rated operational vol	tage		V	480
Rated operational imp	oulse voltage		kV	4
Maximum fuse size for	or short-circuit protection In (gG)			
		10kA	А	40
		15kA	А	40
		25kA	А	40
		50kA	А	40
		63kA	A	40
Rated short time curre	ent Icw			
		1s	kA	1000
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		•	40
	A 045		A	40
	AC15	110V	А	25
		220/230V	A	25 22
		380/400V	A	12
		660/690V	A	2
Rated operational pov	ver in AC	000,000 (2
	Three-phase AC-3			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	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		1.1.4.7	0
		110V	kW kW	3
		220/230V	ĸvv	6

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		380/440V	kW	11
Rated operational cu	rrent in DC			
	DC21A			
		48V	Α	40
		60V	A	40
		110V	Α	6
		220V	Α	0.9
	DC23A (poles in series)	2 (1) (10 (1)
		24V	A	40 (1)
		48V	A	40 (2)
		60V	A	40 (3)
		110V 220V	A A	20 (3)
	DC13	2200	A	12 (4)
	DC13	24V	А	40
		24 V 48 V	A	32
		40V 60V	A	16
		110V	A	3
Power dissipation		1101	W	2.0
Mechanical features				210
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	5	min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for dire				
	for three-phase motor	1001		<i>-</i>
		120V	HP	5
		240V	HP	10
		480V 600V	HP HP	20 20
	for single-phase motor	0007	ΠĽ	20
	ior single-phase motor	120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
<u>-</u>	Operating temperature			
		min	°C	-25
		max	°Č	+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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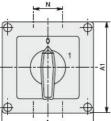
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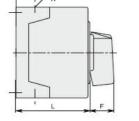
Resistance & Protection

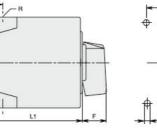
Frontal IP degree

Terminals IP degree

Dimensions







IP65 **IP00**

C1

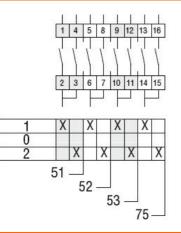
2xPG11

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Series	Enclosure	Number o	f elements					Dime	nsions		2	2	2	Cable	Protection
061165	size	L	L1	Α	A1	C	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				1000	100000	1000	10210	1.000				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												019-03600-009-02
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	90.4	03	4.5	32	21	39.5	00.0	119.5	4XFG21	IF05
7GN40		1-2	3 - 5	1											
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5	1											5.00
7GN40	200.0000000000000000000000000000000000	1-2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	110.2	4xPG21	IP65
7GN63	1	1-2	3 - 4	125	1/5	140	112	5.5	32	21	68	84.3	118.3	2xPG11	1600
7GN125		1	2												
7GN32	180x254	1-5	6 - 8												
7GN40		1 - 4	5 - 7	100	054	100	100		32	35	76	121	175	4xPG29	IP65
7GN63	1	1-3	4 - 6	180	254	120	190	5.5	32	35	70	121	175	2xPG11	1602

Wiring diagrams

7GN63

7GN125



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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