

7GN40135P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product type designation 7GN40 General characteristics 135 - Multi-step 0-1-2 3 poles N° of elements 3 Mounting form P - Plastic enclosure with black handle Contact characteristics P - Plastic enclosure with black handle Rated insulation voltage Ui IEC/EN V Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A Rated operational voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 40 15kA A 40 25kA 40 Rated short time current lcw 10kA A 40 15kA A 40 40 15kA	Product designation				Enclosed rotary cam switch
General characteristics 15 - Multi-step 0-1-2 3 poles N° of elements 3 Mounting form P - Plastic enclosure with black handle Contact characteristics V Rated insulation voltage Ui IEC/EN V Contact characteristics V Rated insulation voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A Rated operational voltage V 48 Rated operational inputse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 10kA A 40 25kA A 40 25kA A 40 25kA A 40 26kA A 40 26kA A 40 26kA A 40 200200V A 22 380/400V A 105 2002020V KW 12 380/40V KW 12 2002020V<	Product type designa	tion			
SMICING diagram 0-1-2-3 poles N° of elements 3 Mounting form P - Plastic enclosure with black handle Contact characteristics P Rated insulation voltage Ui IEC/EN V EC/EN V 690 UL/CSA V 690 Contract characteristics V 600 Rated inpulse withstand voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 40 Rated operational voltage V 480 40 Rated operational voltage KV 4 40 Rated operational impulse voltage KV 4 40 Rated short time current low 10 KA A 40 Conductivity 1s A 1000 660/690V A 22 Operational current le IEC/EN A 40 30/4/4/0V A 22 AC15 110V A 25 220/23/0V A 22 Rated operational power in AC 110V					
Mounting form P- Plastic enclosure with black handle Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 40 Rated operational inpulse voltage V 480 40 Rated operational inpulse voltage KV 4 40 Stak A 40 56kA 40 Conductivity 10kA A 40 56kA 40 Conductivity 10/5 mA/V 20/230V KW 8 220/230V A 22 Act1/Act1A Iter-phase AC-3 Iter-phase AC-3 220/230V KW 8 Single-phase AC-3 Iter-phase AC-3 220/230V KW <	Switching diagram				0-1-2 3 poles
Mounting form enclosure with black handle Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Conventional free air thermal current Ith IEC/EN A 40 Case UL/CSA A 40 Rated operational voltage V 480 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10KA A 40 15KA A 40 50KA A 40 25KA A 40 50KA A 40 63KA A 40 50KA A 40 Conductivity 1s A 1000 10/5 mA/V Operational current Icw 1s A 1000 220/230V A 22 AC1/AC21A A 40 380/40V A 12 660/690V A 12 660/690V A 12 660/690V <t< td=""><td>N° of elements</td><td></td><td></td><td></td><td></td></t<>	N° of elements				
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220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC 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 AC-3 110V kW 3 220/230V kW 8 Three-phase AC23A Z20/230V kW 8 380/440V kW 380/440V kW 18.5 500/690V kW 22 Single-phase AC23A 110V kW Single-phase AC23A		AC15			
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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		onge-phase AO-0	110\/	k\//	3
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					
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 8 380/440V kW 18.5 500/690V kW 22 Single-phase AC23A 110V kW 3		Three-phase AC23A	000,1101		-
380/440V kW 18.5 500/690V kW 22 Single-phase AC23A 110V kW 3		····	220/230V	kW	8
500/690V kW 22 Single-phase AC23A 110V kW 3					
Single-phase AC23A 110V kW 3					
110V kW 3		Single-phase AC23A			
220/230V kW 6			110V	kW	3
			220/230V		

7GN40135P

ENERGY AND AUTOMATION

7GN40135P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

		380/440V	kW	11
Rated operational cu	Irrent in DC			
	DC21A			
		48V	А	40
		60V	А	40
		110V	А	6
		220V	Α	0.9
	DC23A (poles in series)			
		24V	А	40 (1)
		48V	А	40 (2)
		60V	А	40 (3)
		110V	А	20 (3)
		220V	Α	12 (4)
	DC13			
		24V	А	40
		48V	А	32
		60V	А	16
		110V	А	3
Power dissipation			W	2.0
Mechanical features				
Terminals screw				M4
Tightening torque for	r terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
	,	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	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	°Č	+55
	Storage temperature	max		
		min	°C	-40
		max	°C	+70
		max	5	

7GN40135P

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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C1

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IP65

IP00

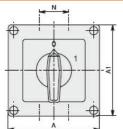
ENERGY AND AUTOMATION

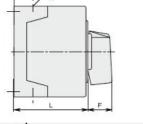
Resistance & Protection

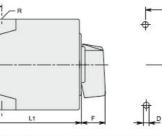
Frontal IP degree

Terminals IP degree

Dimensions

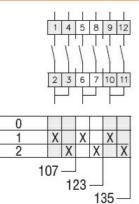






Series Enclosure Number of elements				Dimensions							Cable	Protection			
Series	size	L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25	1	1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20]	1-3	4 - 6												
7GN25]	1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32	1	1-2	3 - 4												
7GN40		1	2 - 3												
7GN12	110x110	1 - 4	5 - 8	-						1					
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	4.0	32	21	39.5	00.0	119.5	47.5621	1600
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5	1											
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	1/5	140	112	5.5	32	21	00	04.3	110.3	2xPG11	IPOD
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	30	/0	121	1/5	2xPG11	100
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						
		EC001029 -				
ETIM 8.0		Selector switch, complete				

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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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