

7GN40136P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 3 POLES 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

				Enclosed rotary
Product designation				cam switch
Product type designati				7GN40
General characteristics	3			400 Multi star
Switching diagram				136 - Multi-step 0-1-2-3 3 poles
N° of elements				5
Mounting form				P - Plastic enclosure with
Mounting form				black handle
Contact characteristics	;			
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	A	40
Deted an enetien el celte		UL/CSA	A V	50
Rated operational volta	-		kV	480
Rated operational impo	short-circuit protection In (gG)		ĸv	4
	short-circuit protection in (gG)	10kA	А	40
		15kA	A	40
		25kA	A	40
		50kA	A	40
		63kA	A	40
Rated short time curre	nt Icw			
		1s	kA	1000
Conductivity				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	A	2
Rated operational pow				
	Three-phase AC-3			_
		220/230V	kW	8
		380/440V	kW	15
	Cincle share AO 2	500/690V	kW	15
	Single-phase AC-3	140\/		2
		110V 220/230V	kW kW	3
		380/440V	kW	6.5 8
	Three-phase AC23A	300/4407	N V V	0
	Thee-phase AOZOA	220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A	000/000V		
	- <u> </u>	110V	kW	3
		220/230V	kW	6

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Lovato
electric
ENERGY AND AUTOMATION

		380/440V	kW	11
Rated operational cu	rrent in DC			
	DC21A			
		48V	А	40
		60V	Α	40
		110V	Α	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	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			ý	
Motor power for dired	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			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	Παλ	0	100
	olorage lemperature	min	°C	-40
			°C	-40 +70
		max	0	710

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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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C1

0

Cable entry

4xPG13.5

L1

79.8

Protection degree

IP65

IP65

IP00

ENERGY AND AUTOMATION

Resistance & Protection

Frontal IP degree

Terminals IP degree

Dimensions

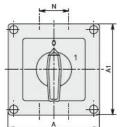
Series

7GN12

7GN20

7GN25

7GN12



Enclosure size

75x75

90x90

Number of elements

L

1-2

1-2

1

1-3

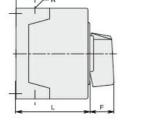
L1

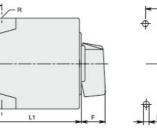
3 - 4

3 - 4

2-3

4 - 6

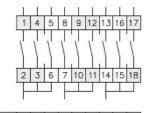


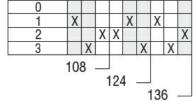


L		F	2	-	L1	>	< F >	>
				Dimer	nsions			
А	A1	С	C1	D	F	М	N	L
75	75	50	64	4.5	19	14	28	57.5
90	90	79	63	4.5	25	19	30	71.3

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										-		
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	47.5021	IF05
7GN40		1-2	3 - 5												
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	5.5	32	21	00	04.3	110.5	2xPG11	1600
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	190	5.5	32	- 35	10	121	1/5	2xPG11	11'00
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