

7GN125135P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

Product designation				Enclosed rotary
-	ion			cam switch 7GN125
Product type designat General characteristic				7GN125
Switching diagram				135 - Multi-step 0-1-2 3 poles
N° of elements				3
Mounting form				P - Plastic enclosure with black handle
Contact characteristic	S			
Rated insulation voltage	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta Conventional free air t			kV	6
Conventional free air t	nermai current itn	IEC/EN	А	125
		UL/CSA	A	130
Rated operational volt	ade	06/00/	V	690
Rated operational imp			kV	6
	r short-circuit protection In (gG)			
		10kA	А	125
		15kA	А	100
		25kA	А	100
		50kA	А	100
		63kA	А	100
Rated short time curre	ent Icw			
		1s	A	2100
Conductivity				10/5 mA/V
Operational current le	AC1/AC21A			
	1045		A	125
	AC15	110V	А	40
		220/230V	A	28
		380/400V	A	15
		660/690V	A	5
Rated operational pov	ver in AC			
	Three-phase AC-3			
		220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
	Single-phase AC-3			-
		110V 220/230V	kW kW	5
			кvv kW	11 15
	Three-phase AC23A	380/440V	r v v	IJ
	moo phase nozon	220/230V	kW	30
		380/440V	kW	45
		500/690V	kW	37
	Single-phase AC23A			
		110V	kW	5
		220/230V	kW	11

7GN125135P

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Rated operational cur	rent in DC	380/440V	kW	15
	DC21A			
	BOZIA	48V	А	125
		48V 60V	A	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)	2201		
		24V	А	125 (1)
		48V	A	125 (2)
		60V	А	125 (3)
		110V	А	50 (3)
		220V	А	20 (4)
	DC13			
		24V	А	125
		48V	А	100
		60V	А	50
		110V	Α	4
Power dissipation			W	6.3
Mechanical features				
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			0.5
		min	mm²	2.5
	Conductor size (IEC) - Rigid cable	Max	mm²	50
	Conductor size (IEC) - Rigid Cable	min	mm²	2.5
		Max	mm²	50
Mechanical life		IVIAA	cycles	1X10 ⁶
UL technical data			Cycles	1710
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor			
		120V	HP	5
		240V	HP	15
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

7GN125135P

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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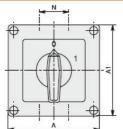
ENERGY AND AUTOMATION

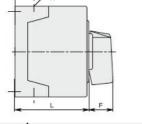
Resistance & Protection

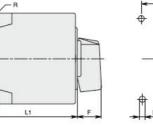
Frontal IP degree

Terminals IP degree

Dimensions



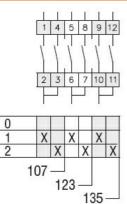




IP65 IP00

Carico	Enclosure	Number of elements Dimensions								Cable	Protection				
Series 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	0.000	1-202										
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			1					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	4XFG21	1600
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5			1	() () () () () () () () () ()	<u> </u>			1	<u></u>		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	180	204	120	190	0.0	32	35	10	121	1/5	2xPG11	6011
7GN125		1-2	3 - 4												

Wiring diagram



Certifications and cor	mpliance	
Compliance		
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
Certificates		
	EAC	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

7GN125135P



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