

7GN125124P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 2 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

				Enclosed rotary
Product designation				cam switch
Product type designati				7GN125
General characteristics	3			404 Multi star
Switching diagram				124 - Multi-step 0-1-2-3 2 poles
N° of elements				3
Manuatia a farma				P - Plastic enclosure with
Mounting form				black handle
Contact characteristics	3			
Rated insulation voltag	le Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	A	125
Detect an exetion of welt		UL/CSA	A V	130
Rated operational volta Rated operational imp			kV	<u>690</u> 6
	short-circuit protection In (gG)		ĸv	0
	short-circuit protection in (gC)	10kA	А	125
		15kA	A	100
		25kA	A	100
		50kA	А	100
		63kA	А	100
Rated short time curre	nt Icw			
		1s	kA	2100
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			
			A	125
	AC15	110V	А	40
		220/230V	A	28
		380/400V	A	15
		660/690V	A	5
Rated operational pow	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	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A	220/230V	kW	30
		380/440V	kW	30 45
		500/690V	kW	37
	Single-phase AC23A			-
	<u> </u>	110V	kW	5
		220/230V	kW	11

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ENERGY AND AUTOMATION

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		380/440V	kW	15
Rated operational cu	rrent in DC			
	DC21A			
		48V	А	125
		60V	А	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)			
		24V	Α	125 (1)
		48V	Α	125 (2)
		60V	A	125 (3)
		110V	A	50 (3)
	DQ (0)	220V	A	20 (4)
	DC13	0 (1) (405
		24V	A	125
		48V	A	100
		60V 110V	A	50
Power dissipation		1100	A W	4 6.3
Mechanical features			VV	0.3
Terminals screw				M2X5
Tightening torque for	terminals may		Nm	2
Conductor size				۲
	AWG - Rigid cable			
	AWO - Nigid cable	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	Max	////0	1/0
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct	ct-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		^ ~	40
		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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IP65 IP00

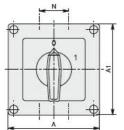
ENERGY AND AUTOMATION

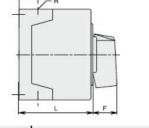
Resistance & Protection

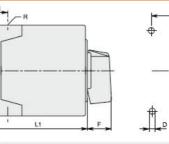
Frontal IP degree

Terminals IP degree

Dimensions

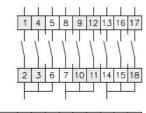


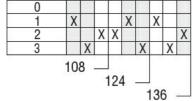




Carias	Enclosure	Number of	f elements	Dimensions							Cable	Protection			
Series	s size L L1		L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20]	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2 - 3												
7GN12	90x90	1-3	4 - 6												
7GN20]	1-3	4 - 6	2000	1000			100000	1000	10210	1222				100000000
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	05.0	00.0	113.5	471.021	IFUS
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	0.0	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	2.04	120	130	0.0	52		10	121	1/5	2xPG11	11.00
7GN125		1-2	3 - 4												

Wiring diagrams





Certifications and compliance

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