

7GN125124U ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 2 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

Product designation			Rotary cam
-			switches
Product type designation General characteristics			7GN125
			124 - Multi-step
Switching diagram			0-1-2-3 2 poles
N° of elements			3
Mounting form			U - Front mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith		٨	405
	IEC/EN UL/CSA	A	125 130
Rated operational voltage	UL/CSA	A V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection In (gG)		K V	0
	10kA	А	125
	15kA	A	100
	25kA	А	100
	50kA	А	100
	63kA	Α	100
Rated short time current Icw			
	1s	kA	2100
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		٨	405
AC15		A	125
ACTS	110V	А	40
	220/230V	A	28
	380/400V	A	15
	660/690V	А	5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	18.5
	380/440V	kW	37
	500/690V	kW	33
Single-phase AC-3		1.1.47	<i>-</i>
	110V	kW	5
	220/230V 380/440V	kW kW	11 15
Three-phase AC23A	300/4407	r V V	13
Thee-phase A023A	220/230V	kW	30
	380/440V	kW	45
	500/690V	kW	37
Single-phase AC23A			
	110V	kW	5
	1100		5

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		380/440V	kW	15
Rated operational cur	rent in DC	000/1101		10
·	DC21A			
		48V	А	125
		60V	А	80
		110V	А	10
		220V	Α	1.2
	DC23A (poles in series)			
		24V	А	125 (1)
		48V	А	125 (2)
		60V	A	125 (3)
		110V	Α	50 (3)
		220V	A	20 (4)
	DC13			
		24V	A	125
		48V	A	100
		60V	A	50
Device all states of		110V	A	4
Power dissipation			W	6.3
Mechanical features				MOVE
Terminals screw			Nine	M2X5
Tightening torque for	terminals max		Nm	2
Conductor size	ANAC Digid apple			
	AWG - Rigid cable	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	IVIAX	AWG	1/0
	AWG - Flexible cable	min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	IVIDA	ANO	1/0
		min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable	max		
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 ⁶
UL technical data			0)0.00	
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

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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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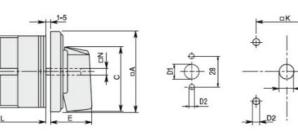
ENERGY AND AUTOMATION

Resistance & Protection

Frontal IP degree

Terminals IP degree

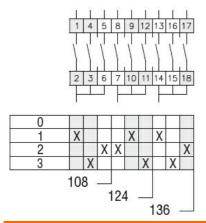
Dimensions



Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version). IP40 IP00

Series	Dimensions									L Number of elements											
Series	□A	С	ØD	ØD1	ØD2	Е	ØG	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	220.3	249.4	278.5	307.6	336.7	365.8	394.9

Wiring diagrams



Certifications and compliance

Compliance

	CSA C22.2 n° 14	
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
	UL60947-4-1	
Certificates		
	EAC	
	UL	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

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