

7GN125123P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 2 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

				Enclosed retery
Product designation				Enclosed rotary cam switch
Product type designati				7GN125
General characteristics	3			
Switching diagram				123 - Multi-step 0-1-2 2 poles
N° of elements				2
Mounting form				P - Plastic enclosure with black handle
Contact characteristics	3			
Rated insulation voltag	le Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	• •		kV	6
Conventional free air th	nermai current itn	IEC/EN	А	125
		UL/CSA	A	130
Rated operational volta	ade	02,00,1	V	690
Rated operational imp			kV	6
i	short-circuit protection In (gG)			
		10kA	А	125
		15kA	А	100
		25kA	А	100
		50kA	A	100
Rated short time curre	et loui	63kA	A	100
Raled Short line cure	THE ICW	1s	kA	2100
Conductivity		13	N/N	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			А	125
	AC15			
		110V	А	40
		220/230V	A	28
		380/400V	A	15
Rated operational pow		660/690V	A	5
Raled operational pow	Three-phase AC-3			
	Thee-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	000/0001/	1.1.4.7	20
		220/230V	kW	30
		380/440V 500/690V	kW kW	45 37
	Single-phase AC23A	500/090V	r v v	51
	Chigic phase ACZOA	110V	kW	5
		220/230V	kW	11

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		380/440V	kW	15
Rated operational cu				
	DC21A			
		48V	A	125
		60V	A	80
		110V	A	10
		220V	A	1.2
	DC23A (poles in series)	24V	٨	105 (1)
		24 V 48 V	A A	125 (1) 125 (2)
		48V 60V	A	125 (2)
		110V	A	50 (3)
		220V	A	20 (4)
	DC13	2201		20 (1)
	2010	24V	А	125
		48V	A	100
		60V	А	50
		110V	А	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			
		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	at an line control			
Motor power for dire				
	for three-phase motor	120V	HP	15
		120V 240V	HP HP	25
		240V 480V	HP	25 50
		480V 600V	HP	40
	for single-phase motor	0001		
		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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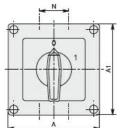
ENERGY AND AUTOMATION

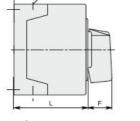
Resistance & Protection

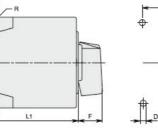
Frontal IP degree

Terminals IP degree

Dimensions







IP00

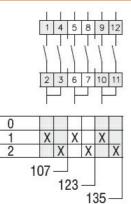
C1

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IP65

Series	Enclosure	Number of	f elements		Dimensions									Cable	Protection
	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	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6					100000-00							
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												111111111111111111
7GN40		1	2 - 3												
7GN12	110x110	1-4	5-8			-	-			-	-				
7GN20		1 - 4	5 - 8												
7GN25	1	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	98.4	83	4.5	32	21	39.5	60.0	119.5	4XPG21	IPOD
7GN40		1-2	3-5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40		1-2	3 - 4	125	175	140	110	5.5	32	21	68	04.2	110.0	4xPG21	IDOC
7GN63]	1 - 2	3 - 4	125	1/5	146	112	5.5	32	21	00	84.3	118.3	2xPG11	IP65
7GN125		1	2												
7GN32	180x254	1-5	6 - 8												
7GN40		1 - 4	5 - 7	100	054	100	100		32	35	76	101	175	4xPG29	IDCC
7GN63		1 - 3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65
7GN125	1	1-2	3-4												

Wiring diagrams



Certifications and com	npliance	
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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