

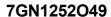
ENERGY AND AUTOMATION

Product designation				Rotary cam switches
Product type designation				7GN125
General characteristics				108 - Multi-step
Switching diagram				0-1-2-3 1 pole
N° of elements				U - Front
Mounting form				mounting with black handle
Contact characteristics				
Rated insulation voltage	e Ui	JE 0 /E N	. ,	
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar	id voltage Uimp	OL/CSA	kV	6
Conventional free air thermal current Ith				
		IEC/EN	Α	125
		UL/CSA	Α	130
Rated operational volta			V	690
Rated operational impu			kV	6
Maximum fuse size for	short-circuit protection In (gG)	401.4	Δ.	405
		10kA 15kA	A A	125 100
		25kA	A	100
		50kA	A	100
		63kA	A	100
Rated short time currer	nt Icw	00101		100
		1s	Α	2100
Conductivity				10/5 mA/V
Operational current le IEC/EN				
	AC1/AC21A			
			Α	125
	AC15			
		110V	Α	40
		220/230V	Α	28
		380/400V	A	15
Dated aparational nave	or in AC	660/690V	Α	5
Rated operational power	Three-phase AC-3			
	Tillee-pilase AC-3	220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
	Single-phase AC-3			
	9 1	110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A			
		220/230V	kW	30
		380/440V	kW	45
	Circle altera A 200A	500/690V	kW	37
	Single-phase AC23A	44017	[2] [4]	E
		110V 220/230V	kW kW	5 11
		220/200 V	17.4.4	



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		380/440V	kW	15
Rated operational cur				
	DC21A			
		48V	A	125
		60V 110V	A	80
		220V	A A	10 1.2
	DC23A (poles in series)	220 V		1.2
	DOZON (poled in defield)	24V	Α	125 (1)
		48V	Α	125 (2)
		60V	Α	125 (3)
		110V	Α	50 (3)
		220V	Α	20 (4)
	DC13			
		24V	A	125
		48V 60V	A	100
		110V	A A	50 4
Power dissipation		1100	W	6.3
Mechanical features			VV	0.0
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
	Conductor size (IEC) - Flexible cable	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				
	for three-phase motor	40014		
		120V	HP	15
		240V 480V	HP HP	25 50
		600V	HP	40
	for single-phase motor			
	g p3e.e.	120V	HP	5
		240V	HP	15
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
	-	max	°C	+55
	Storage temperature		°C	40
		min	°C	-40 +70
		max		T/U





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Resistance & Protection	
Frontal IP degree	IP40
Terminals IP degree	IP00
ETIM classification	
ETIM 8.0	EC001029 - Selector switch, complete