

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3, 1 POLE 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Enclosed rotary Product designation cam switch 7GN125 Product type designation General characteristics 82 - Multi-step 1-Switching diagram 2-3 1 pole N° of elements 2 P - Plastic Mounting form enclosure with black handle Contact characteristics Rated insulation voltage Ui IEC/EN 690 V **UL/CSA** V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN Α 125 UL/CSA Α 130 Rated operational voltage 690 Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection In (gG) 10kA Α 125 15kA Α 100 25kA Α 100 50kA Α 100 63kA 100 Α Rated short time current Icw 2100 1s kΑ Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A Α 125 AC15 110V Α 40 220/230V Α 28 380/400V Α 15 5 660/690V Α Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 kW 37 380/440V 500/690V kW 33 Single-phase AC-3 kW 5 110V 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 220/230V kW 11



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		380/440V	kW	15
Rated operational cu	rrent in DC			
	DC21A			
		48V	A	125
		60V 110V	A A	80 10
		220V	A	1.2
	DC23A (poles in series)	2201		1.2
	2 32571 (poise in conce)	24V	Α	125 (1)
		48V	Α	125 (2)
		60V	Α	125 (3)
		110V	Α	50 (3)
		220V	Α	20 (4)
	DC13			
		24V	Α	125
		48V	Α	100
		60V	A	50
Dawer discination		110V	Α	4
Power dissipation Mechanical features			W	6.3
Terminals screw				M2X5
Tightening torque for	terminals may		Nm	2
Conductor size	terminals max		1 1111	
0011000101 0120	AWG - Rigid cable			
	, C	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		2	
		min	mm²	2.5
Mechanical life		Max	mm²	50 1X10 ⁶
UL technical data			cycles	17.10
Motor power for direct	et-on-line control			
	for three-phase motor			
	and production	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		0.0	0.5
		min	°C	-25 - 55
	Storage temporature	max	°C	+55
	Storage temperature	min	°C	-40
		max	°C	-40 +70
		IIIAA		110



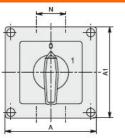
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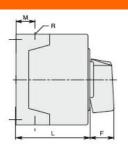
ENERGY AND AUTOMATION

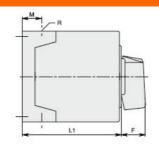
Resistance & Protection

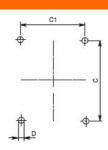
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



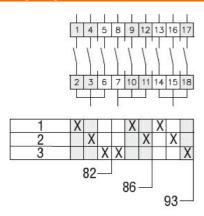






	Enclosure	Number o	Number of elements Dimensions				***	Cable	Protection						
	size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6		1000	0000	10000	9800000	46250	10000	1000		1000000	200 12 12 12 12 12 12 12	1000000000
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	30.4	00	7.0	02	"	00.0	00.0	113.5	TAIGET	11 00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												191
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	120	173	140	112	0.0	32	21	00	04.0	110.5	2xPG11	11 00
7GN125		1	2												
7GN32	180x254	1 - 5	6-8												
7GN40	1	1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	1	1 - 3	4 - 6	100	234	120	130	0.0	52	33	10	121	1/3	2xPG11	11 00
7GN125		1 - 2	3 - 4												

Wiring diagrams



Certifications and compliance

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





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