



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

Product designation Product type designation			Enclosed rotary cam switch	
General characteristics			7GN125	
Switching diagram			107 - Multi-step 0-1-2 1 pole	
N° of elements			1	
Mounting form			P - Plastic enclosure with black handle	
Contact characteristics				
Rated insulation voltage Ui				
	IEC/EN	V	690	
	UL/CSA			
Rated impulse withstand voltage Uimp		kV	6	
Conventional free air thermal current Ith				
	UL/CSA			
Rated operational voltage				
Rated operational impulse voltage		kV	6	
Maximum fuse size for short-circuit protection In (gG)	401.4			
Rated short time current lcw	OSKA	A	100	
Rated Short time current icw	10	ĿΛ	2100	
Conductivity	15	NA		
Operational current le IEC/EN			10/3 1117/ V	
AC1/AC21A				
AO I/AOZ IA		Δ	125	
AC15			120	
7.010	110V	Cam swi 7GN125 107 - Mi 0-1-2 1 1 P - Plasi enclosui black ha EC/EN V 690 JL/CSA V 600 kV 6 EC/EN A 125 JL/CSA A 130 V 690 kV 6 10kA A 125 15kA A 100 25kA A 100 50kA A 100 50kA A 100 10/5 mA A 125 110V A 40 0/230V A 28 0/400V A 15 0/690V A 5 0/230V kW 37 0/690V kW 33 110V kW 5 0/230V kW 37 0/690V kW 33 110V kW 5 0/230V kW 11 0/440V kW 15		
	220/230V			
	380/400V			
	660/690V			
Rated operational power in AC				
Three-phase AC-3				
'	220/230V	kW	18.5	
	380/440V			
	500/690V	kW	33	
Single-phase AC-3				
	110V	kW	5	
	220/230V	kW	11	
	380/440V	kW	15	
Three-phase AC23A		_		
	220/230V			
	380/440V			
	500/690V	kW	37	
Single-phase AC23A				
			_	



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		380/440V	kW	15
Rated operational cu	rrent in DC			
	DC21A			
		48V	Α	125
		60V	A	80
		110V	A	10
	DOOOA (nalaa in aaniaa)	220V	Α	1.2
	DC23A (poles in series)	24V	۸	105 (1)
		48V	A A	125 (1) 125 (2)
		60V	A	125 (2)
		110V	A	50 (3)
		220V	A	20 (4)
	DC13		- , ,	20 (1)
	2010	24V	Α	125
		48V	Α	100
		60V	Α	50
		110V	Α	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	et en line central			
Motor power for direc	for three-phase motor			
	ioi iiiiee-piiase iiioloi	120V	HP	15
		120V 240V	HP	25
		480V	HP	50
		600V	HP	40
	for single-phase motor	000 V	111	
	origio pridocimotor	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

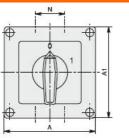
ENERGY AND AUTOMATION

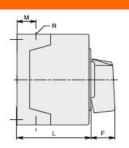
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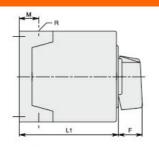
Resistance & Protection

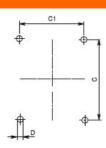
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



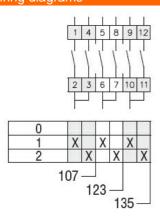






Series	Enclosure size	Number o	f elements	Dimensions							Cable	Protection			
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20]	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1 - 3	4 - 6												
7GN20		1-3	4 - 6	840	3000	555	252.50	9807030	46214	150000	5222		10000000	800000000000000000000000000000000000000	10000000
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	21	00.0	00.0	113.5	TAI GET	11 00
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	1 - 2	3 - 4	120	175	140	112	0.0	02	21	00	04.0	110.0	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	204	120	130	0.0	J.	- 55	,,,	,21	,,,,	2xPG11	11 30
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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