



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 125A IN PLASTIC ENCLOSURE 180X254MM WITH BLACK HANDLE

Product designation			Enclosed rotary cam switch	
Product type designation			7GN125	
General characteristics				
Switching diagram		56 - Changeover switch without 0 3 poles		
N° of elements			3	
Mounting form			P - Plastic enclosure 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				
	IEC/EN	Α	125	
	UL/CSA	Α	130	
Rated operational voltage		V	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	A	100	
Rated short time current Icw				
	1s	kA	2100	
Conductivity			10/5 mA/V	
Operational current le IEC/EN				
AC1/AC21A				
		Α	125	
AC15	440)/		40	
	110V	A	40	
	220/230V	Α	28	
	380/400V	A	15	
Data descriptional resource in AO	660/690V	Α	5	
Rated operational power in AC				
Three-phase AC-3	220/2201	1.1.1.1	10 E	
	220/230V	kW	18.5	
	380/440V	kW	37	
Single-phase AC-3	500/690V	kW	33	
Single-phase AC-3	110\/	L\\/	F	
	110V 220/230V	kW kW	5 11	
	220/230V 380/440V	kW	15	
Three-phase AC23A	300/440 V	V A A	10	
Tillee-pilase AC23A	220/230V	kW	30	
	380/440V	kW	45	
	500/440V 500/690V	kW	37	
Single-phase AC23A	550/030 V	L/ V V		
Single-phase AUZUA	110V	kW	5	
	220/230V	kW	11	
	2201230 V	17.4.4	11	



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		380/440V	kW	15
Rated operational cur	rent in DC			
	DC21A			
		48V	Α	125
		60V	Α	80
		110V	A	10
	DOOM (called to a dea)	220V	A	1.2
	DC23A (poles in series)	0.41/	^	405 (4)
		24V	A	125 (1)
		48V	A	125 (2)
		60V 110V	A	125 (3)
		220V	A A	50 (3)
	DC13	2201	A	20 (4)
	DC13	24V	۸	105
		24 V 48 V	A A	125 100
		60V	A	50
		110V	A	4
Power dissipation		1100	W	6.3
Mechanical features			V V	0.0
Terminals screw				M2X5
Tightening torque for	terminals max		Nm	2
Conductor size	terrinals max		1 4111	
0011440101 0120	AWG - Rigid cable			
	7000 Tagla dable	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable	Wich	71110	170
	ATTO TRANSPORTED	min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable	West	7,,,,,	.,,,
	0011446161 0120 (120) 1 10/11216 04216	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 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

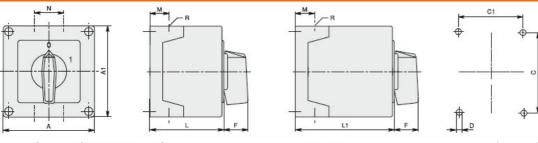
ENERGY AND AUTOMATION

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Resistance & Protection

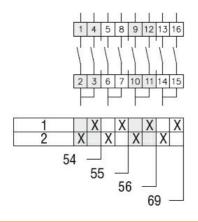
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



	Enclosure	Number o	f 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	840	3000	555	252.50	9807030	46214	1500.00	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





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ETIM 8.0

EC001029 -Selector switch, complete