

7GN12110P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4-5, 1 POLE 16A IN PLASTIC ENCLOSURE 75X75MM WITH BLACK HANDLE

Product designation			Enclosed rotary cam switch
Product type designation			7GN12
General characteristics			
Switching diagram			110 - Multi-step 0-1-2-3-4-5 1 pole
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	A	16
	UL/CSA	A	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			10
	10kA	A	16
	15kA 25kA	A	10 10
Rated short time current Icw	ZOKA	A	10
Rated short time current icw	1s	kA	200
Conductivity	13	NA.	10/5 mA/V
Operational current le IEC/EN			10/0 11/4/ 1
AC1/AC21A			
AO ITAOZ TA		А	16
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	А	4
	660/690V	А	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	2.5
	380/440V	kW	4
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.8
	220/230V	kW	1.5
Three phase AC22A	380/440V	kW	2.2
Three-phase AC23A	220/230V	kW	3
	220/230V 380/440V	кvv kW	3 5.5
	500/690V	kW	5.5 7.5
Single-phase AC23A	500/030V	17.4.4	1.0
	110V	kW	0.8
	220/230V	kW	1.7
	380/440V	kW	3
Rated operational current in DC			

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ENERGY AND ACTOMATION				
	20044			
	DC21A			
		48V	A	12
		60V	Α	12
		110V	А	4
		220V	А	0.6
		440V	A	0.25
		440 V	Λ	0.20
	DC23A (poles in series)	0.01		10 (1)
		24V	A	10 (1)
		48V	А	10 (2)
		60V	Α	10 (3)
		110V	А	5 (3)
		220V	А	5 (4)
	DC13	-		- ()
	5616	24V	А	12
		48V	A	10
		60V	A	8
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.8
Mechanical features			~ ~	
				MO
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	C C C C C C C C C C C C C C C C C C C	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	Max	/0	12
	AWG - I lexible cable	in the	ANA/C	20
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
March and a life		IVIAX		
Mechanical life			cycles	3x10⁰
UL technical data				
Motor power for direct-	-on-line control			
	for three-phase motor			
	-	120V	HP	1.5
		240V	HP	3
	for single-phase motor			
		120V	HP	0.5
		240V	HP	1
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°Č	+55
	Storage temperature	max	0	
	Siviage lemperature		• •	40
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			



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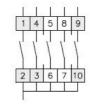
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IP65

Frontal IP degree

Terminals	IP deg	gree														IP00
Dimensio	ns															
		· · · · · · · · · · · · · · · · · · ·				F	-		R		F	- -	C1	 °	K K	
Series	Enclosure	Number of	felements					Dimer						Cable	Protection degree	
	size	L	L1	A	A1	C	C1	D	F	М	N	L	L1	entry	degree	
7GN12 7GN20	75x75	1-2	3 - 4 3 - 4	75	75	50	64	4.5	40	14	00	57.5	70.0	4.0040.5	IP65	
7GN20 7GN25		1-2	2-3	/5	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IPob	
	90x90	1-3	4-6	-	-											
7GN20	90,290	1-3	4 - 6													
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	100	1000	1010	1000	12030300	1.2.2	1990	1000		1000000		0.000	
7GN40		1	2 - 3	1												
	110x110	1-4	5 - 8													
7GN20	6 000000 0000 0000 0000 0000000 00000000	1-4	5 - 8	1												
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	98.4	63	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	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65	
7GN63		1-2	3 - 4	125	175	140	112	0.0	32	21	00	04.3	110.5	2xPG11	1100	
7GN125		1	2													
	180x254	1-5	6 - 8													
7GN40		1-4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65	
7GN63		1-3	4 - 6	100	204	120	190	0.0	32	35	70	121	175	2xPG11	iros	
7GN125		1-2	3 - 4													
Wiring dia	arame															

Wiring diagrams



0					
1	X				
2			Х		
3					X
4		Х			
5				Х	

110		
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		
ETIM 8.0		EC001029 - Selector switch, complete

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