



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4-5, 1 POLE 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

Draduct designation				Enclosed rotary
Product designation				cam switch
Product type designati				7GN63
General characteristics				110 - Multi-step
Switching diagram				0-1-2-3-4-5 1 pole
N° of elements				3
				P - Plastic
Mounting form				enclosure with black handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	Α	63
		UL/CSA	Α	60
Rated operational volta			V	480
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)		_	
		10kA	A	63
		15kA	A	63
		25kA	A	63
		50kA 63kA	A A	63 63
Rated short time curre	ot low	USKA		03
Nated Short time curre	III ICW	1s	kA	1600
Conductivity		13	N/A	10/5 mA/V
Operational current le	IFC/FN			10/0 11// 0
operational current to	AC1/AC21A			
	7.6 17.6217.		Α	63
	AC15			
		110V	Α	32
		220/230V	Α	25
		380/400V	Α	15
		660/690V	Α	4
Rated operational pow	er in AC			_
	Three-phase AC-3			
		220/230V	kW	11
		380/440V	kW	18.5
		500/690V	kW	18.5
	Single-phase AC-3			
		110V	kW	3.7
		220/230V	kW	6.5
	The second of th	380/440V	kW	11.5
	Three-phase AC23A	000/0001	1-747	40.5
		220/230V	kW	12.5
		380/440V 500/690V	kW kW	30 30
	Single-phase AC23A	300/0907	r. v v	30
	Olingie-priase AOZOA	110V	kW	3.7
		1100	1 \ V V	J.1





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		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational curr	rent in DC			
·	DC21A			
		48V	Α	63
		60V	Α	50
		110V	Α	8
		220V	A	1
	DC23A (poles in series)	220 V		<u> </u>
	DOZDA (poles ili selles)	24V	٨	EO (1)
		48V	A	50 (1)
			A	50 (2)
		60V	A	50 (3)
		110V	A	25 (3)
	-	220V	Α	15 (4)
	DC13			
		24V	Α	63
		48V	Α	40
		60V	Α	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque for to	erminals may		Nm	2
Conductor size	Cirilliais max		14111	
Conductor Size	AMC Digid cable			
	AWG - Rigid cable		414/0	4.4
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
	(/ 3	min	mm²	2.5
		Max	mm²	16
Mechanical life		Max	cycles	5x10 ⁶
UL technical data			Cyclos	3710
Motor power for direct	-on-line control			
motor power for direct				
	for three-phase motor	40011		7.5
		120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor			
		120V	HP	3
		240V	HP	10
Ambient conditions				
Temperature				
	Operating temperature			
	Sporating temperature	min	°C	-25
			°C	
	Characte temporatives	max	U	+55
	Storage temperature		^ ~	40
		min	°C	-40



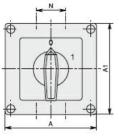
ENERGY AND AUTOMATION

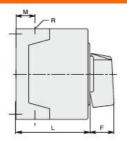
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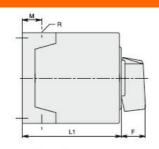
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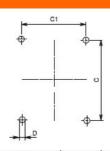
Resistance & Protection Frontal IP degree IP65 Terminals IP degree IP00

Dimensions



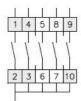






Series	Enclosure	Number o	f elements	Dimensions							Cable	Protection			
Series	size	L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20	1	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20]	1-3	4 - 6	0.000	14000		2000			20000		10.27000000			A 4000000000
7GN25]	1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32	1	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	90.4	00	4.5	32	21	39.5	00.0	119.5	417621	1100
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	123	1/5	140	112	5.5	32	21	00	04.3	110.3	2xPG11	1100
7GN125		1	2												
7GN32	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	5.5	32	35	10	121	1/5	2xPG11	1100
7GN125		1 - 2	3 - 4												

Wiring diagrams



0					
1	X				
2			Χ		
3					X
4		X			-
5				Χ	
			110)	

Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

Certificates

EAC

ETIM classification



7GN63110P

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ETIM 8.0

EC001029 -Selector switch, complete