

7GN63124P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 2 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

				Enclosed rotary
Product designation				cam switch
Product type designati				7GN63
General characteristics	;			
Switching diagram				124 - Multi-step 0-1-2-3 2 poles
N° of elements				3
				P - Plastic
Mounting form				enclosure with black handle
Contact characteristics				
Rated insulation voltag				
-		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	А	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	A	63
Deterlate of the second		63kA	A	63
Rated short time current	nt ICW	1.0	1. 0	1000
Conductivity		1s	kA	1600 10/5 mA/V
Conductivity				10/5 mA/v
Operational current le	AC1/AC21A			
	ACTACZIA		А	63
	AC15		~	05
	A013	110V	А	32
		220/230V	A	25
		380/400V	A	15
		660/690V	A	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
		380/440V	kW	11.5
	Three-phase AC23A			
		220/230V	kW	12.5
		380/440V	kW	30
	Cingle phase ACCOA	500/690V	kW	30
	Single-phase AC23A	44017	L/\//	2.7
		110V 220/230V	kW kW	3.7 7.5
		220/230 V	IX V V	1.0

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ENERGY AND AUTOMATION

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		380/440V	kW	12.5
Rated operational cu	irrent in DC			
	DC21A			
		48V	Α	63
		60V	A	50
		110V	A	8
		220V	A	1
	DC23A (poles in series)	24V	۸	50 (1)
		24 V 48 V	A A	50 (1) 50 (2)
		40V 60V	A	50 (2)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13			
		24V	А	63
		48V	A	40
		60V	А	28
		110V	А	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque for	r terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		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			0.5
		min	mm²	2.5
Mechanical life		Max	mm²	16 5x10 ^e
UL technical data			cycles	5810
Motor power for dire	ct-on-line control			
	for three-phase motor			
		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			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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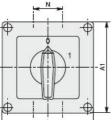
ENERGY AND AUTOMATION

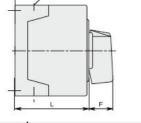
Resistance & Protection

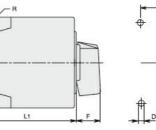
Frontal IP degree

Terminals IP degree

Dimensions





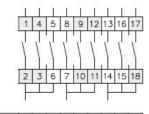


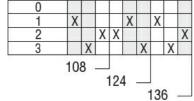
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IDGE

Series Size Enclosure L Number of elements U L			÷,	-	<u> </u>		F	_	- -	L1		F	+	- ₽	<u>ل</u> ې.	t
TGN12 TSX75 1-2 3-4 A A1 C C1 D F M N L L1 leftry degree 7GN12 75x75 1-2 3-4 75 75 50 64 4.5 19 14 28 57.5 79.8 4xPG13.5 IP65 7GN25 1-2 3-4 6 75 75 50 64 4.5 19 14 28 57.5 79.8 4xPG13.5 IP65 7GN26 1-2 3-4 90 90 79 63 4.5 25 19 30 71.3 98.3 4xPG16 IP65 7GN20 1-2 3-4 10 10 98.4 83 4.5 32 21 39.5 85.5 119.5 4xPG21 IP65 7GN20 1-3 4-5 110 110 98.4 83 4.5 32 21 39.5 85.5 119.5 4xPG21<	Series	Enclosure	Number o													Protection
TGN20 1-2 3-4 75 75 50 64 4.5 19 14 28 57.5 79.8 4xPG13.5 IP65 TGN25 1 2-3 1 2-3 75 50 64 4.5 19 14 28 57.5 79.8 4xPG13.5 IP65 TGN20 1-3 4-6 90 90 79 63 4.5 25 19 30 71.3 98.3 4xPG16 IP65 TGN20 1-2 3-4 90 90 79 63 4.5 25 19 30 71.3 98.3 4xPG16 IP65 TGN20 1-2 3-4 10 10 98.4 83 4.5 32 21 39.5 85.5 119.5 4xPG21 IP65 TGN20 1-3 4-5 110 110 98.4 83 4.5 32 21 39.5 85.5 119.5 4xPG21 IP65			L		A	A1	C	C1	D	F	M	N	L	L1	entry	degree
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TGN32 1-3 4-5 110 110 98.4 83 4.5 32 21 39.5 85.5 119.5 4xPG21 1P65 TGN32 1-2 3-4 1 2 3-4 1 1 1 1 1 98.4 83 4.5 32 21 39.5 85.5 119.5 4xPG21 1P65 TGN40 1-2 3-4 1																
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7GN63 1 - 2 3 - 4 - <																
7GN32 125x175 1 - 3 4 - 5 4 - 5 121 18.3 4xPG21 2xPG11 1P65 7GN32 180x254 1 - 5 6 - 8 7 - 2 7 - 6 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2 1 - 2																
7GN40 1 - 2 3 - 4 125 175 146 112 5.5 32 21 68 84.3 118.3 4xPG21 2xPG11 IP65 7GN32 180x254 1 - 5 6 - 8 7 - 7 7 - 7 1 - 2 1 - 4 5 - 7 1 - 2						_										
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7GN40 1 - 4 5 - 7 180 254 120 190 5.5 32 35 76 121 175 4xPG29 2xPG11 IP65			1								-					
7GN63 1-3 4-6 180 254 120 190 5.5 32 35 76 121 175 2xPG11 IP65		180x254														
		-			180	254	120	190	5.5	32	35	76	121	175		IP65
/uni/2) 1-2 3-4		-													ZXPGII	
Viring diagrams			1-2	3-4							ļ	ļ	ļ			

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