

## **7GN63109P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3-4, 1 POLE 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

Product designation				Enclosed rotary
-				cam switch
Product type designat General characteristic				7GN63
	5			109 - Multi-step
Switching diagram				0-1-2-3-4 1 pole
N° of elements				2
Maxima time of farmers				P - Plastic
Mounting form				enclosure with black handle
Contact characteristics	8			black Hallalo
Rated insulation voltag	ge Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith		٨	<u></u>
		IEC/EN	A	63 60
Rated operational volt	200	UL/CSA	A V	480
Rated operational imp	-		kV	400
	r short-circuit protection In (gG)		ΚV	7
	short broad protocion in (go)	10kA	А	63
		15kA	A	63
		25kA	А	63
		50kA	А	63
		63kA	А	63
Rated short time curre	ent Icw			
		1s	A	1600
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		۸	60
	AC15		A	63
	AC15	110V	А	32
		220/230V	A	25
		380/400V	A	15
		660/690V	А	4
Rated operational pow	ver in AC			
	Three-phase AC-3			
		220/230V	kW	11
		380/440V	kW	18.5
	<u></u>	500/690V	kW	18.5
	Single-phase AC-3	110V	L\\/	3.7
		220/230V	kW kW	6.5
		380/440V	kW	11.5
	Three-phase AC23A	00017701		
	F	220/230V	kW	12.5
		380/440V	kW	30
		500/690V	kW	30
	Single-phase AC23A			
		110V	kW	3.7
		220/230V	kW	7.5

7GN63109P

7GN63109P



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		380/440V	kW	12.5
Rated operational cu	rrent in DC			
	DC21A			
		48V	Α	63
		60V	А	50
		110V	А	8
		220V	A	1
	DC23A (poles in series)		-	
		24V	A	50 (1)
		48V	A	50 (2)
		60V	A	50 (3)
		110V	A	25 (3)
	<b>D</b> 010	220V	A	15 (4)
	DC13	241/	^	<u></u>
		24V 48V	A	63
		48 V 60 V	A	40 28
		110V	A	20 3.3
<u>Dower dissipation</u>		1100	A W	<u>3.3</u> 3.4
Power dissipation Mechanical features			VV	3.4
Terminals screw				M5
Tightening torque for	terminals may		Nm	2
Conductor size				۲
	AWG - Rigid cable			
	AWG - Nigiu cable	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	IVICA	And	0
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable	Max	////0	0
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data			-,	
Motor power for direc	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			
	<b>-</b> .	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

7GN63109P

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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IP65

IP00

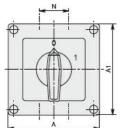
ENERGY AND AUTOMATION

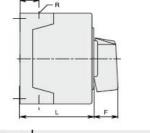
## Resistance & Protection

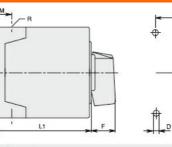
Frontal IP degree

Terminals IP degree

Dimensions

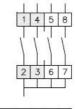


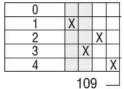




Series Enclosure Number of elements				Dimensions								Cable	Protection		
Series size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree	
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2 - 3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6							2000		1000000000			cum-cr
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	50.4	05	4.5	52	21	09.0	00.0	113.5	471.021	1105
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												2.0
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	52	21	00	04.0	110.5	2xPG11	1105
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	150	204	120	130	0.0	102			121		2xPG11	1 55
7GN125		1-2	3 - 4												

## Wiring diagrams





Certifications and cor	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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