

# **7GN63108P** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 1 POLE 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

Product designation				Enclosed rotary		
Product type designation	tion			cam switch 7GN63		
General characteristi				10100		
Switching diagram				108 - Multi-step 0-1-2-3 1 pole		
N° of elements				2		
Mounting form				P - Plastic enclosure with black handle		
Contact characteristic	CS					
Rated insulation volta	ige Ui					
		IEC/EN	V	690		
Deted immedee with et		UL/CSA	V	600		
Rated impulse withst Conventional free air			kV	6		
Conventional free all		IEC/EN	А	63		
		UL/CSA	A	60		
Rated operational vo	tage	02,00,1	V	480		
Rated operational im	-		kV	4		
	or short-circuit protection In (gG)					
		10kA	А	63		
		15kA	А	63		
		25kA	А	63		
		50kA	А	63		
		63kA	A	63		
Rated short time curr	ent Icw			1000		
O a ra du ca tin i tru		1s	kA	1600		
Conductivity Operational current le				10/5 mA/V		
	AC1/AC21A					
	AC15		A	63		
	AC15	110V	А	32		
		220/230V	A	25		
		380/400V	A	15		
		660/690V	A	4		
Rated operational po	wer in AC					
	Three-phase AC-3					
		220/230V	kW	11		
		380/440V	kW	18.5		
		500/690V	kW	18.5		
	Single-phase AC-3	4401/	1.3.47	0.7		
		110V 220/230V	kW kW	3.7 6.5		
		380/440V	kW	11.5		
	Three-phase AC23A	000/7701	12.4.4			
		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		

ENERGY AND AUTOMATION

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		380/440V	kW	12.5
Rated operational cu				
	DC21A		_	
		48V	A	63
		60V 110V	A A	50 8
		220V	A	8 1
	DC23A (poles in series)	2201	Λ	1
		24V	А	50 (1)
		48V	A	50 (2)
		60V	А	50 (3)
		110V	А	25 (3)
		220V	А	15 (4)
	DC13			
		24V	А	63
		48V	A	40
		60V	A	28
		110V	A	3.3
Power dissipation			W	3.4
Mechanical features Terminals screw				M5
Tightening torque for	r terminale may		Nm	2
Conductor size			INIII	2
	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			
		min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data	et en line control			
Motor power for dire	for three-phase motor			
	101 11100-1110101	120V	HP	7.5
		240V	HP	15
		480V	HP	25
		400V 600V	HP	25
	for single-phase motor			
	<u> </u>	120V	HP	3
		240V	HP	10
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	•	•	40
		min	°C °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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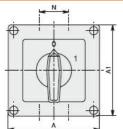
ENERGY AND AUTOMATION

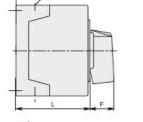
# Resistance & Protection

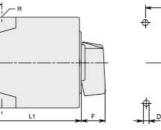
Frontal IP degree

#### Terminals IP degree

Dimensions







IP00

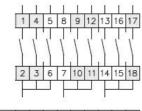
C1

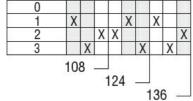
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IP65

Series Enclosure		Number of	f elements		Dimensions									Cable	Protection
size size	L	L1	A	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	1	2 - 3												
7GN12	90x90	1-3	4 - 6												
7GN20	]	1-3	4 - 6	20.00X				100000-00		10000					
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	110	110	98.4	83			21	39.5	85.5	119.5	4xPG21	IP65
7GN20		1 - 4	5 - 8					4.5	32						
7GN25		1-3	4 - 5												
7GN32		1-3	4 - 5												
7GN40	]	1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40	200.1210.0200.0000.0000 M	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	125	1/5	140	112	5.5	32	21	00	04.3	118.3	2xPG11	IPob
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	1-3	4 - 6	180	204	120	190	5.5	32	35	76	121	1/5	2xPG11	IPoo
7GN125	1	1-2	3 - 4												

### Wiring diagram





#### 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