

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

				Enclosed rotary
Product designation				cam switch
Product type designat				7GN63
General characteristic	S			100 Multi stop
Switching diagram				109 - Multi-step 0-1-2-3-4 1 pole
N° of elements				2
Mounting form				P - Plastic enclosure with black handle
Contact characteristics	S			
Rated insulation voltage				
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	nd voltage Uimp		kV	6
Conventional free air t	hermal current Ith			
		IEC/EN	А	63
		UL/CSA	A	60
Rated operational volt	-		V	480
Rated operational imp	-		kV	4
Maximum fuse size fo	r short-circuit protection In (gG)			
		10kA	A	63
		15kA	A	63
		25kA	A	63
		50kA 63kA	A A	63 63
Rated short time curre	nt low	OSKA	A	03
Rated Short time cone		1s	kA	1600
Conductivity		15	10.1	10/5 mA/V
Operational current le	IEC/EN			
oporational ouriont to	AC1/AC21A			
			А	63
	AC15			
		110V	А	32
		220/230V	А	25
		380/400V	А	15
		660/690V	Α	4
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	11
		380/440V	kW	18.5
	Circle shace AC 2	500/690V	kW	18.5
	Single-phase AC-3	1101/	1.1.1/	0.7
		110V 220/230V	kW kW	3.7 6.5
		380/440V	kW	11.5
	Three-phase AC23A	300/440 V	IX V V	11.0
		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

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		380/440V	kW	12.5
Rated operational cu	rrent in DC			
	DC21A			
		48V	А	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)
	D 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 ⁶
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			
	- .	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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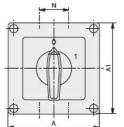
ENERGY AND AUTOMATION

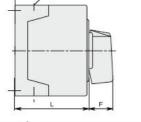
Resistance & Protection

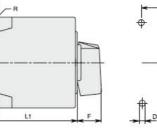
Frontal IP degree

Terminals IP degree

Dimensions







IP00

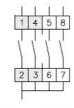
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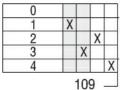
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IP65

Series	Enclosure	Number o	f elements		Dimensions								Cable	Protection	
Selles	size 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					100000-00	1000	100000					1000000000
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	90.4	03	4.5	32	21	39.5	00.0	119.5	475621	IF05
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	5.5	32	21	00	04.3	110.5	2xPG11	1600
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	180	204	120	190	5.5	32	35	/0	121	1/5	2xPG11	100
7GN125		1-2	3 - 4												

Wiring diagrams





Certifications and com	pliance	
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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