

7GN6369P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 4 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

Product designation				Enclosed rotary
-	ion			cam switch 7GN63
Product type designat General characteristic				7GN03
Switching diagram				69 - Changeover switch without 0 4
N° of elements				poles 4
Mounting form				P - Plastic enclosure with black handle
Contact characteristics	S			
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			
		IEC/EN	A	63
Deted en enstien el celt		UL/CSA	<u>A</u>	60
Rated operational volt			V kV	480
Rated operational imp	r short-circuit protection In (gG)		ĸv	4
Maximum ruse size io	r shon-circuit protection in (gG)	10kA	А	63
		15kA	A	63
		25kA	A	63
		50kA	A	63
		63kA	А	63
Rated short time curre	ent Icw			
		1s	kA	1600
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			
			A	63
	AC15	44014		
		110V	A	32
		220/230V 380/400V	A	25 15
		660/690V	A A	4
Rated operational pow	ver in AC	000/030 v	~	4
	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
	Single-phase AC22A	500/690V	kW	30
	Single-phase AC23A	110V	kW	3.7
		220/230V	kW	7.5
		220/230V	N V V	1.0

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ENERGY AND AUTOMATION

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		000/44014		40 5
Deted an eastimation of an	ment in DO	380/440V	kW	12.5
Rated operational cu				
	DC21A	(0)/		
		48V	A	63
		60V	A	50
		110V	A	8
		220V	A	1
	DC23A (poles in series)		_	
		24V	Α	50 (1)
		48V	A	50 (2)
		60V	A	50 (3)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13			
		24V	А	63
		48V	Α	40
		60V	А	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features				
Terminals screw				M5
Tightening torque for	terminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
	5	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		Max	cycles	5x10 ⁶
UL technical data			0y0ic3	OX TO
Motor power for dire	ct-on-line control			
	for three-phase motor			
		120V	HP	7.5
		120V 240V	нР НР	7.5 15
		240V 480V	HP	
		480V 600V	HP HP	25 25
	for single phase mater	600V	п٢	20
	for single-phase motor	40017		2
		120V	HP	3
Ambient conditions		240V	HP	10
Ambient conditions				
Temperature				
	Operating temperature		• •	05
		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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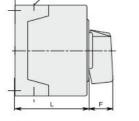
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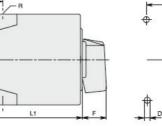
Resistance & Protection

Frontal IP degree

Terminals IP degree







IP00

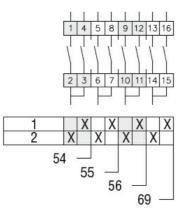
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IP65 IP00

		Number	falamanta	1				Dimo	alana						
Series	Enclosure size	Number o	f elements L1	A	A1	С	C1	Dimei	nsions F	M	N	1	L1	Cable entry	Protection degree
7GN12	75x75	1-2	3 - 4		711		01	0				-		,	5
7GN20	10010	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												
7GN25	1	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	110	110 98.	00.4	98.4 83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN25		1-3	4 - 5												
7GN32]	1-3	4 - 5			98.4									
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4	1											
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	1/5	140	112	5.5	32	21	00	04.3	110.5	2xPG11	IPOD
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	30	70	121	1/5	2xPG11	1603
7GN125		1-2	3 - 4												

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