

7GN63123P ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 2 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH BLACK HANDLE

Product designation				Enclosed rotary
-				cam switch 7GN63
Product type designation General characteristics	1			7 GN03
Switching diagram				123 - Multi-step 0-1-2 2 poles
N° of elements				2
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltage	Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand Conventional free air the			kV	6
Conventional free air the	rmai current ith	IEC/EN	А	63
		UL/CSA	A	60
Rated operational voltag	le	06/007	V	480
Rated operational impuls			kV	4
	hort-circuit protection In (gG)			
		10kA	А	63
		15kA	А	63
		25kA	А	63
		50kA	А	63
		63kA	A	63
Rated short time current	Icw			
		1s	A	1600
Conductivity				10/5 mA/V
Operational current le IE	AC1/AC21A			
			А	63
	AC15			
		110V	А	32
		220/230V	А	25
		380/400V	А	15
		660/690V	A	4
Rated operational power				
	Three-phase AC-3	000/0001	1-147	44
		220/230V 380/440V	kW kW	11 18.5
		500/690V	kW	18.5
	Single-phase AC-3	300/0301		10.0
		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
		500/690V	kW	30
	Single-phase AC23A		1.1.47	0.7
		110V	kW	3.7 7.5
		220/230V	kW	7.5

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		380/440V	kW	12.5
Rated operational cu				
	DC21A			
		48V	A	63
		60V	A	50
		110V	A	8
		220V	A	1
	DC23A (poles in series)	24V	۸	50 (1)
		24V 48V	A A	50 (1) 50 (2)
		48V 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	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		2	
		min	mm²	2.5
		Max	mm²	16
Mechanical life UL technical data			cycles	5x10 ⁶
Motor power for direct	at an line control			
	for three-phase motor			
		120V	HP	7.5
		240V	HP	15
		480V	HP	25
		400V 600V	HP	25
	for single-phase motor	0001		
		120V	HP	3
		240V	HP	10
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
		111001		
	Storage temperature			
	Storage temperature	min	℃ ℃	-40 +70

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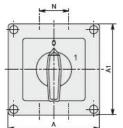
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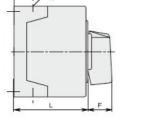
Resistance & Protection

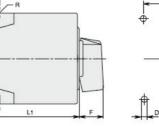
Frontal IP degree

Terminals IP degree

Dimensions



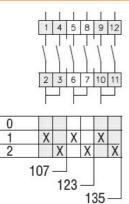




IP65 IP00

Sorias 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	1-212	1000										
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						1	1	1		1		
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	00	4.5	32	21	39.0	00.0	119.5	47.021	1100
7GN40		1-2	3-5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5						1	1	1		1	1	
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	120	175	140	112	0.0	32	21	00	04.0	110.5	2xPG11	IF05
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	2.04	120	130	0.0	32	35	10	121	1/5	2xPG11	1100
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					
ETIM 8.0		EC001029 - Selector switch, complete			

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