

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

				Enclosed rotary
Product designation				cam switch
Product type designat				7GN63
General characteristic	S			
Switching diagram				123 - Multi-step 0-1-2 2 poles
N° of elements				2
Mounting form				P - Plastic enclosure with black handle
Contact characteristics	5			
Rated insulation voltag	je Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air the	hermal current Ith			
		IEC/EN	A	63
		UL/CSA	<u>A</u>	60
Rated operational volt	-		V	480
Rated operational imp	-		kV	4
Maximum ruse size ro	r short-circuit protection In (gG)	10kA	А	63
		15kA	A	63
		25kA	A	63
		50kA	A	63
		63kA	A	63
Rated short time curre	nt Icw			
		1s	kA	1600
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			
			A	63
	AC15	1401/	•	
		110V	A	32
		220/230V 380/400V	A A	25 15
		660/690V	A	4
Rated operational pow	ver in AC	000/000 1	7.	
	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	220/2201/	L/\//	10 5
		220/230V 380/440V	kW kW	12.5 30
		380/440V 500/690V	kvv kW	30
	Single-phase AC23A	500/030V	i X V V	
		110V	kW	3.7
		220/230V	kW	7.5
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ENERGY AND AUTOMATION

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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)
		24 V 48 V	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 <sup>6</sup>
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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IP65

IP00

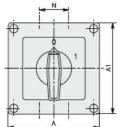
ENERGY AND AUTOMATION

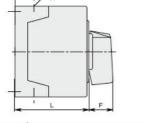
### Resistance & Protection

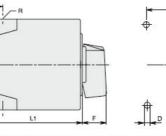
Frontal IP degree

#### Terminals IP degree

Dimensions

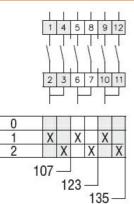






Carias	Enclosure	Number o	f elements	Dimensions								Cable	Protection		
Series	size	L	L1	Α	A1	С	C1	D	F	Μ	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2 - 3												
7GN12	90x90	1-3	4 - 6												
7GN20	]	1-3	4 - 6					100000-00		102203					
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	03	4.5	32	21	39.5	00.0	119.5	47.021	IFOS
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	120	175	140	112	0.0	32	21	00	04.0	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	100	204	120	130	0.0	52	00	10	121	113	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						
		EC001029 -				
ETIM 8.0		Selector switch, complete				

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