



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

Product designation				Enclosed rotary cam switch
Product type designation General characteristics				7GN63
Switching diagram				83 - Multi-step 1- 2-3-4 1 pole
N° of elements				2
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	Cam switch 7GN63  83 - Multi-step 2-3-4 1 pole 2 P - Plastic enclosure with black handle  EC/EN V 690 L/CSA V 600 kV 6  EC/EN A 63 L/CSA A 60 V 480 kV 4  10kA A 63 15kA A 63 25kA A 63 50kA A 63 63kA A 63  1s kA 1600 10/5 mA/V  A 63  110V A 32 /230V A 25 /400V A 15 /690V A 4  110V kW 18.5  110V kW 18.5 /230V kW 11 /440V kW 18.5 /230V kW 11.5  110V kW 3.7 /230V kW 6.5 /440V kW 11.5	
		UL/CSA		
Rated impulse withstar			kV	6
Conventional free air th	ermal current Ith	150/51		••
		- ·		
Data dan anational colta		UL/CSA		
Rated operational volta				
Rated operational impu			KV	4
Maximum ruse size for	short-circuit protection In (gG)	4064	۸	63
Rated short time currer	nt Icw	OOIU (		
		1s	kA	1600
Conductivity				
Operational current le	EC/EN			
	AC1/AC21A			
			Α	63
	AC15			-
		110V	Α	32
		220/230V	Α	25
		380/400V	Α	15
		660/690V	Α	4
Rated operational power	er in AC			
	Three-phase AC-3			
		220/230V		
		380/440V		
	-	500/690V	kW	18.5
	Single-phase AC-3			
		220/230V		
		380/440V	KVV	11.5
	Three-phase AC23A	000/0001	1,111	10.5
		220/230V		
	Single-phase AC23A	200/090V	K V V	30
	Oligie-pliase AO23A	110\/	k۱۸۱	3.7
		220/230V		



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		380/440V	kW	12.5
Rated operational cu				
	DC21A		_	
		48V	A	63
		60V	A	50
		110V	A	8
	DCCCA (nolog in coriog)	220V	A	1
	DC23A (poles in series)	241/	٨	EO (1)
		24V 48V	A A	50 (1)
		60V	A	50 (2) 50 (3)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13	220 V		10 (4)
	D013	24V	Α	63
		48V	A	40
		60V	A	28
		110V	A	3.3
Power dissipation		1100		3.4
Mechanical features			v v	J. <del>T</del>
Terminals screw				M5
Tightening torque for	terminals may		Nm	2
Conductor size	terrinas max		1 1111	
Ochadolor 5/20	AWG - Rigid cable			
	Avve Rigid dubic	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	TVICAX	7,1110	
	AVVO TICAIDIC GUDIC	min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
	Conductor ciza (120) Trovista dasta	min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			<del>-</del>
	3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3	min	mm²	2.5
		Max	mm²	16
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for dire	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

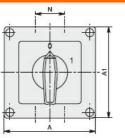
**ENERGY AND AUTOMATION** 

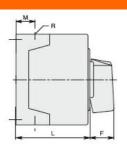
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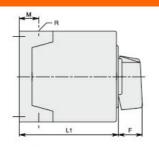
### Resistance & Protection

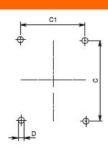
Frontal IP degree IP65
Terminals IP degree IP00

#### Dimensions



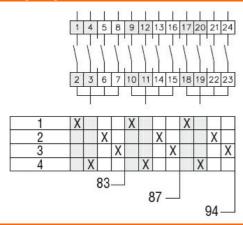






Series E	Enclosure	Number o	of elements	Dimensions							Cable	Protection			
	size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1 - 3	4 - 6												
7GN20		1-3	4 - 6	8204	30000	555	152.55	9807030	45214	1500.50	5223		0.000	800000000000000000000000000000000000000	10000000
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	1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN32	1	1-3	4 - 5	110	110	30.4	"	4.0	02		00.0	00.0	110.0	TAI GET	11 00
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	1 - 2	3 - 4	120	170	140	112	0.0	02		00	04.0	110.0	2xPG11	11 00
7GN125		1	2												
7GN32	180x254	1 - 5	6-8												
7GN40	1	1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63		1 - 3	4 - 6	.50	234	1.20		0.0	J.	"		,21		2xPG11	
7GN125		1-2	3 - 4	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



### 7GN6383P

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ETIM 8.0

EC001029 -Selector switch, complete