electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 1 POLE 63A IN PLASTIC ENCLOSURE 125X176MM WITH BLACK HANDLE **ENERGY AND AUTOMATION**

Product designation				Enclosed rotary
_				cam switch
Product type designation General characteristics				/GN63
Switching diagram				107 - Multi-step 0-1-2 1 pole
N° of elements				1
Mounting form			IEC/EN V 690 UL/CSA V 600 kV 6 IEC/EN A 63 UL/CSA A 60 V 480 kV 4 10kA A 63 15kA A 63 25kA A 63 50kA A 63 50kA A 63 63kA A 63	
Contact characteristics				
Rated insulation voltage	e Ui			
B / 12 1 20 1	1 10 11	UL/CSA		
Rated impulse withstan			kV	6
Conventional free air th	ermai current ith	IEC/EN	۸	62
Rated operational volta	ae	OL/00/(
Rated operational impu				
	short-circuit protection In (gG)			_
		10kA	Α	63
			Α	
Data di aharit tima a surran	A Law	63kA	A	63
Rated short time currer	it icw	10	Δ	1600
Conductivity		13		10/5 mA/V
Operational current le I	EC/EN			
•	AC1/AC21A			
			Α	63
	AC15			
Rated operational power	or in AC	000/0907	A	4
Nated Operational power	Three-phase AC-3			
	Tillee phase Ao o	220/230V	kW	11
		500/690V		
	Single-phase AC-3			
	TI 1 10001	380/440V	kW	11.5
	Three-phase AC23A	220/2201/	12///	10.5
	Single-phase AC23A	200,000 ¥		
	J ,	110V	kW	3.7
		220/230V	kW	7.5



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Rated operational current in DC DC21A A					
DC21A			380/440V	kW	12.5
Marchanical life	Rated operational cur	rent in DC			
Marchanical life		DC21A			
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable Con			48V	Α	63
1100					
DC23A (poles in series) 24V					
DC23A (poles in series)					
Part			220V	A	
A 8V		DC23A (poles in series)			
Solidar Soli			24V	Α	50 (1)
Solidar Soli			48V	Α	50 (2)
1100					
DC13					
DC13					
Power dissipation			2200	A	15 (4)
A		DC13			
Power dissipation			24V	Α	63
Power dissipation			48V	Α	40
Name					
Power dissipation W 3.4					
Mechanical features	Devices displayed		1100		
Temminals screw M5 Tightening torque for terminals max Nm 2				VV	3.4
AWG - Rigid cable					
AWG - Rigid cable	Terminals screw				M5
AWG - Rigid cable	Tightening torque for	terminals max		Nm	2
AWG - Rigid cable					
AWG - Flexible cable	Conductor Size	AMC Digid poble			
AWG - Flexible cable AWG - Flexible cable		AVVG - Rigid Cable		41440	4.4
AWG - Flexible cable					
Max AWG 14 Max AWG 8			Max	AWG	6
Max AWG 8 Conductor size (IEC) - Flexible cable min mm² 2.5 Max mm² 10 Max mm² 10 Max mm² 10 Max mm² 16 Ma		AWG - Flexible cable			
Max AWG 8 Conductor size (IEC) - Flexible cable min mm² 2.5 Max mm² 10 Max mm² 10 Max mm² 10 Max mm² 16 Ma			min	AWG	14
Conductor size (IEC) - Flexible cable					
Max min mm² 2.5 Max mm² 10		Conductor size (IEC) Flevible cable	Wich	71110	
Max mm² 10 Conductor size (IEC) - Rigid cable min mm² 2.5 max mm² 16 mm² 1		Conductor Size (IEC) - Flexible cable		2	0.5
Conductor size (IEC) - Rigid cable					
Mechanical life min Max mm² mm² mm² 2.5 mm² 16 Mechanical life cycles 5x10° UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 7.5 240V HP 15 480V HP 25 600V HP 25 600V HP 25 120V HP 3 240V HP 10 Ambient conditions Temperature Temperature min °C -25 max °C +55 5 5 5 5 -40			Max	mm²	10
Mechanical life cycles 5x10 ⁶ UL technical data Motor power for direct-on-line control 120V HP 7.5 240V HP 15 480V HP 25 600V 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		Conductor size (IEC) - Rigid cable			
Mechanical life cycles 5x10 ⁶ UL technical data Motor power for direct-on-line control 120V HP 7.5 240V HP 15 480V HP 25 600V 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	mm²	2.5
Mechanical life cycles 5x106 UL technical data Motor power for direct-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 Min °C -25 max °C +55 Storage temperature min °C -40					
Motor power for direct-on-line control	Mechanical life				
Motor power for direct-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				Cyclcs	3710
for three-phase motor 120V					
120V	iviotor power for direc				
240V		for three-phase motor			
240V			120V	HP	7.5
A80V HP 25 600V HP 25				HP	
600V HP 25					
To single-phase motor 120V					
120V		fan almala mhaas seetes	0007	ПГ	۷.
Ambient conditions		tor single-phase motor			
Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40					
Operating temperature			240V	HP	10
Operating temperature	Ambient conditions				
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40					
min °C -25 max °C +55 Storage temperature min °C -40	· omporatoro	Operating temperature			
Storage temperature max °C +55 min °C -40		Operating temperature		0.0	0.5
Storage temperature min °C -40					
min °C -40			max	°C	+55
min °C -40		Storage temperature			
			min	°C	-40
max C 170					
			max		•

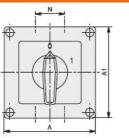
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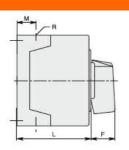
ENERGY AND AUTOMATION

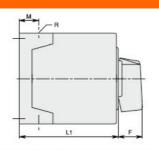
Resistance & Protection

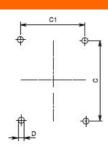
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



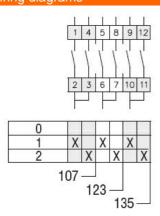






Series	Enclosure size	Number o	f elements	Dimensions						Cable	Protection				
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20]	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1 - 3	4 - 6												
7GN20		1-3	4 - 6	Sagar.	1000	5335	2027	20000	0000	2000	1000	10-21000000			
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												218
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	30.4	00	4.5	32	- 1	00.0	00.0	113.5	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 - 2	3 - 4	120	175	140	112	0.0	02	21	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	100	204	120	130	0.0	02	00	,,,	,21	,,,,	2xPG11	11 00
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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