



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 63A IN PLASTIC ENCLOSURE 125X175MM WITH RED/YELLOW HANDLE

Product designation				Enclosed rotary
_			cam switch	
Product type designation General characteristics	n			7GN63
General characteristics				11 - 3-phase
Switching diagram				motor reversing switch
N° of elements				3
Mounting form				P25 - Plastic enclosure with red/yellow handle
Contact characteristics				
Rated insulation voltage	Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand			kV	6
Conventional free air the	ermal current Ith	JEO/EN	•	00
		IEC/EN	A	63
Dated energtional valtae	**	UL/CSA	A V	60 480
Rated operational voltage Rated operational impulsion			kV	4
	short-circuit protection In (gG)		N.V.	4
Maximum ruse size for s	short-circuit protection in (go)	10kA	Α	63
		15kA	A	63
		25kA	Α	63
		50kA	Α	63
		63kA	Α	63
Rated short time current	lcw			
		1s	Α	1600
Conductivity				10/5 mA/V
Operational current le IE	EC/EN			_
	AC1/AC21A			
			Α	63
	AC15			
		110V	Α	32
		220/230V	A	25
		380/400V	A	15
Poted enerational name	r in AC	660/690V	Α	4
Rated operational power	Three-phase AC-3			
	Tillee-pilase 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
		500/690V	kW	30
	Single-phase AC23A	110V	kW	3.7



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		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational cur	rent in DC			
	DC21A			
		48V	Α	63
		60V	Α	50
		110V	Α	8
		220V	Α	1
	DC23A (poles in series)			
	(1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	24V	Α	50 (1)
		48V	Α	50 (2)
		60V	A	50 (3)
		110V	A	25 (3)
		220V	A	15 (4)
	DC13	220 V	^	15 (4)
	DC13	0.41/	٨	00
		24V	A	63
		48V	A	40
		60V	Α	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			
	, in C ingle case	min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	IVIOX	7,1110	
	AVVG - Flexible cable	min	AWG	14
	O 1 ('(FO) FI '(I I I I I I	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			cycles	5x10 ⁶
UL technical data				
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	7.5
		240V	HP	15
		480V	HP	25
		600V	HP	25
	for single-phase motor	3331		-
	ioi diligio pridocifiotor	120V	HP	3
		240V	HP	10
Ambient conditions		Z4U V	1115	10
Temperature				
	Operating temperature		^ -	
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40



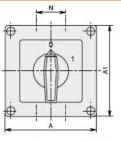
ENERGY AND AUTOMATION

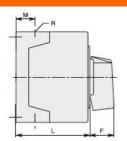
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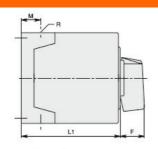
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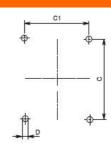
Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP00

Dimensions



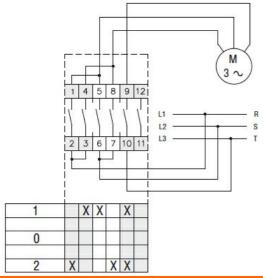






Series	Enclosure size	Number o	f elements	Dimensions							Cable	Protection			
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	Protection degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6		0.000					200000					
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	1.00,0	0.465	20000	5000	1,200,000	50400	0.000	365	3.40000000	100.0000000	TOP COOP RESTRECT	0.0000,400000
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8												
7GN20	10.000000000000000000000000000000000000	1 - 4	5 - 8												
7GN25	1	1-3	4 - 5	440	440	00.4	83	4.5	32	04	20.5	05.5	1105	4-0004	IDCC
7GN32	1	1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN40	1	1-2	3 - 5												
7GN63	1	1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40		1-2	3 - 4	405	475	440	440			0.4		040	4400	4xPG21	IDOE
7GN63	1	1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	2xPG11	IP65
7GN125		1	2												
7GN32	180x254	1-5	6-8												
7GN40		1 - 4	5 - 7	100	054	100	100		20	25	70	404	475	4xPG29	IDCE
7GN63	1	1 - 3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65
7GN125		1-2	3 - 4												

Wiring diagrams



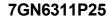
Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1





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Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete