



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

Product type designation	Product designation				Enclosed rotary
Switching diagram	_				
Switching diagram 11 - 3-phase motor reversing switch 11 - 3-phase motor reversing switch 11 - 3-phase motor reversing switch 12 - 3-pt. 12 - 3-pt. 13 - 3-pt. 13 - 3-pt. 14 - 3-pt. 15 - 3-pt. 15 - 3-pt. 15 - 3-pt. 15 - 3-pt. 16 - 3-pt.					/GN63
N° of elements 3 Mounting form P25 - Plastic enclosure with red/yellow handle Contact characteristics Rated insulation voltage Ui Rated impulse withstand voltage Uimp KV 600 Conventional free air thermal current Ith IEC/EN V 600 Rated operational voltage V 480 Rated operational impulse voltage V 480 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 63 15kA A 63 63 kA 63 25kA A 63 63kA A 63 50kA A 63 63kA A 63 25kA A 63 63kA A 63 63kA A 63 63kA A 63 10k5 MA A 63 63kA A 63 25kA A 63 63kA A 63 50kA A 63 63kA A 63 63kA A 63 63kA A 63 63kA A 63 63kA A 63 63kA A 63 63kA A 63 65kA A 63 63kA A 63 65kA A 63 63kA A 63 820/2330					motor reversing
Mounting form Procession	N° of elements				
Rated insulation voltage Ui IEC/EN	Mounting form				enclosure with
IEC/EN V 690	Contact characteristics	3			
Rated impulse withstand voltage Uimp	Rated insulation voltage	ge Ui			
Rated impulse withstand voltage Ulimp					
Conventional free air thermal current ith			UL/CSA		
IEC/EN		• •		kV	6
Rated operational voltage	Conventional free air the	hermal current Ith	150/5N	•	00
Rated operational voltage					
Rated operational impulse voltage	Dated aparational valt	000	UL/CSA		
Maximum fuse size for short-circuit protection In (gG)					-
10kA A 63 15kA A 63 25kA A 63 63kA A 63 63 63 63 63 63 63				KV	4
15kA	Maximum ruse size io	short-circuit protection in (gG)	10kΔ	Δ	63
Single-phase AC23A Rated short time current lcw 25kA A 63 63kA A 63 63 63kA A 63 63 63kA A 63 63 63 63 63 63 63					
Soka A 63 63kA A 63 63 63kA A 63 63 63 63 63 63 63					
Rated short time current Icw					
1s				Α	
Conductivity	Rated short time curre	nt Icw			
Operational current le IEC/EN			1s	kA	1600
AC1/AC21A AC15 110V A 32 220/230V A 25 380/400V A 15 660/690V A 4 Rated operational power in AC 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 220/230V kW 11.5 Single-phase AC23A 220/230V kW 11.5 Three-phase AC23A	Conductivity				10/5 mA/V
A 63 AC15 110V A 32 220/230V A 25 380/400V A 15 660/690V A 4 Rated operational power in AC 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 15.5 Three-phase AC-3 220/230V kW 15.5 Single-phase AC-3 220/230V kW 18.5 500/690V kW 15.5 Three-phase AC23A 220/230V kW 15.5 Single-phase AC23A 220/230V kW 15.5 Three-phase AC23A 220/230V kW 15.5 Single-phase AC23A	Operational current le	IEC/EN			_
AC15 110V A 32 220/230V A 25 380/400V A 15 660/690V A 4 Rated operational power in AC 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 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A		AC1/AC21A			
110V				Α	63
220/230V		AC15			
Single-phase AC23A Single-					
Rated operational power in AC 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 220/230V kW 3.7 220/230V kW 6.5 380/440V kW 11.5 Single-phase AC23A 220/230V kW 30 500/690V kW 30 Single-phase AC23A					
Rated operational power in AC 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 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A					
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 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A	Dated energtional nov	tor in AC	660/690V	A	4
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	Kated operational pow				
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		Tillee-pilase AC-3	220/230\/	<i>ا</i> ۸۸	11
Single-phase AC-3 110V kW 3.7 220/230V kW 6.5 380/440V kW 11.5 11.5 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A Single-phase AC					
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 3.7 220/230V 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		Single-phase AC-3			
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
Three-phase AC23A 220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A					
220/230V kW 12.5 380/440V kW 30 500/690V kW 30 Single-phase AC23A			380/440V	kW	11.5
380/440V kW 30 500/690V kW 30 Single-phase AC23A		Three-phase AC23A			
Single-phase AC23A 500/690V kW 30			220/230V	kW	12.5
Single-phase AC23A					
			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 cu	rrent in DC			
·	DC21A			
		48V	Α	63
		60V	Α	50
		110V	Α	8
		220V	Α	1
	DC23A (poles in series)		,,	<u> </u>
	2020/ (poloc in conce)	24V	Α	50 (1)
		48V	A	50 (2)
		60V	A	50 (2)
		110V	A	
		220V		25 (3)
	D040	2201	Α	15 (4)
	DC13	0.417		00
		24V	A	63
		48V	Α	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			
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable	iviax	71110	
	AVVO T TEXIBLE CABLE	min	AWG	14
		Max	AWG	8
	Conductor size (ICC). Flevible coble	IVIAX	AVVG	0
	Conductor size (IEC) - Flexible cable		2	0.5
		min	mm²	2.5
	0 1 (150) 5(11)	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 direct				
	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				
· Simporaturo	Operating temperature			
	Operating temperature	min	°C	-25
		min	°C	-25
	Otana na tama anatan	max	C	+55
	Storage temperature	·	0.0	40
		min	°C	-40



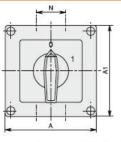
ENERGY AND AUTOMATION

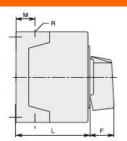
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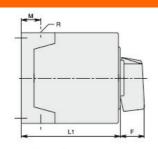
max °C +70

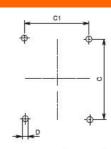
Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP00

Dimensions



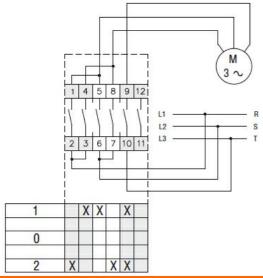






Carias	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
Series		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	Protection degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		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	3.402390	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



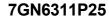
Certifications and compliance

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