

electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE **ENERGY AND AUTOMATION**

Rated insulation voltage Ui	Product designation				Enclosed rotary cam switch
Switching diagram Switch 2 poles N° of elements 1 1 2 2 2 2 2 2 2 2					7GN25
Mounting form					
Reconstruct characteristics Rated insulation voltage Ui Reconstruct characteristics Rated insulation voltage Ui Reconstruct characteristics Rated insulation voltage Uimp RV 600 Rated impulse withstand voltage Uimp RV 600 Rated impulse withstand voltage Uimp RV 600 Rated operational free air thermal current Ith REC/EN A 25 RATED RATE	N° of elements				
Rated insulation voltage Ui	Mounting form				
IEC/EN V 690					
Bate dimpulse withstand voltage Uimp	Rated insulation voltage	e Ui			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current lth	Detail Constitution 20 steel	Laster a LP and	UL/CSA		
IEC/EN		•		KV	6
Rated operational voltage V	Conventional free all th	ermai current itri	IEC/EN	۸	25
Rated operational voltage					
Rated operational impulse voltage KV 4	Rated operational volta	ge .	00,007		
Maximum fuse size for short-circuit protection In (gG)		-			
10kA A 25 15kA A 25 25kA A 25 A		<u> </u>			
Rated short time current Icw 1s		, ,	10kA	Α	25
Rated short time current low			15kA	Α	25
1s			25kA	Α	25
Conductivity	Rated short time curren	t Icw			
AC1/AC21A			1s	kA	
AC1/AC21A AC15 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 5.5 Three-phase AC23A 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 110V kW 1.5 220/230V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3 380/440V kW 11 500/690V kW 11 Single-phase AC23A					10/5 mA/V
AC15 AC15 110V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 110V kW 1.5 220/230V kW 3 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5	Operational current le l				
AC15 110V		AC1/AC21A		۸	25
110V		AC15		A	
Rated operational power in AC Rated operational power in AC		ACIS	110V	Α	16
Rated operational power in AC Three-phase AC-3					
Rated operational power in AC Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3 380/440V kW 11 500/690V kW 11 Single-phase AC23A					
Three-phase AC-3 220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5					
220/230V kW 5.5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3 380/440V kW 11 500/690V kW 11	Rated operational power	er in AC			
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 Single-phase AC23A 110V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5		Three-phase AC-3			
Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 5					
Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5					
110V kW 1.5 220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5		0	500/690V	kVV	7.5
220/230V kW 3 380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5		Single-phase AC-3	1101/	L///	1.5
380/440V kW 5.5 Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5					
Three-phase AC23A 220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5					
220/230V kW 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5		Three-phase AC23A	300/1101	1,77	3.0
380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5			220/230V	kW	6.5
Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5					
110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5			500/690V	kW	11
220/230V kW 3.7 		Single-phase AC23A			
Rated operational current in DC	B () ()	00	380/440V	kVV	5.5



electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 25A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

ENERGY AND AUTOMATION		ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE									
	DC21A		_								
		48V	A	25							
		60V	A	25							
		110V	A	4							
	DOOM (notes in conice)	220V	A	0.7							
	DC23A (poles in series)	24V	٨	2F (1)							
		48V	A A	25 (1)							
		60V	A	25 (2) 25 (3)							
		110V	A	12 (3)							
		220V	A	10 (4)							
	DC13	220 V		10 (4)	—						
	DC13	24V	Α	25							
		48V	A	20							
		60V	A	16							
		110V	A	1.5							
		220V	A	0.4							
Power dissipation		220 V	W	1.1	—						
Mechanical features			**	1:1							
Terminals screw				M3.5							
Tightening torque for te	erminals max		Nm	0.8							
Conductor size	minale max			0.0							
0011000101 3120	AWG - Rigid cable										
	7.VVC Trigia dable	min	AWG	20							
		Max	AWG	10							
	AWG - Flexible cable	· · · · · · · · · · · · · · · · · · ·	71110		—						
	TWO TRANSPORTED	min	AWG	20							
		Max	AWG	12							
	Conductor size (IEC) - Flexible cable										
	(,	min	mm²	0.5							
		Max	mm²	4							
	Conductor size (IEC) - Rigid cable										
	(, , 3	min	mm²	0.5							
		Max	mm²	4							
Mechanical life			cycles	5x10 ⁶	_						
UL technical data											
Motor power for direct-	on-line control										
	for three-phase motor										
		120V	HP	3							
		240V	HP	5							
		480V	HP	10							
		600V	HP	15							
	for single-phase motor										
		120V	HP	1.5							
		240V	HP	3							
Ambient conditions											
Temperature											
	Operating temperature										
		min	°C	-25							
		max	°C	+55							
	Storage temperature										
			$^{\circ}$ C	40							

°C

°C

min

max

-40

+70



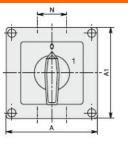
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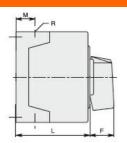
ENERGY AND AUTOMATION

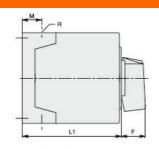
Frontal IP degree IP65

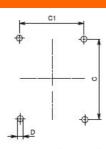
Terminals IP degree IP00

Dimensions



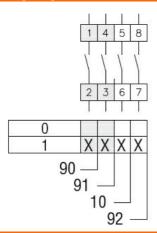






Carias	Enclosure	Number o	f elements		Dimensions								Cable	Protection	
Series	size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20	1	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6						2407.0		10000			2007-17-10-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	
7GN25]	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		2000.11	0.8900				arec.					3000.5550
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	96.4	83	4.5	32	21	39.5	80.0	119.5	4XPG21	1200
7GN40	1	1-2	3-5												
7GN63	1	1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5			100									101
7GN40	000000000000000000000000000000000000000	1 - 2	3 - 4	105	175	140	110		20	0.4	-00	040	1100	4xPG21	IDCE
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	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	1	1 - 3	4 - 6	180	204	120	190	5.5	32	35	76	121	1/5	2xPG11	105
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