



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2-3, 3 POLES 25A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product type designation	Product designation			Rotary cam
Several characteristics	C			
Switching diagram 136 - Multi-step 0-1-2-3 3 poles N° of elements 5 5 5 5 5 5 5 5 5				7GN25
N° of elements S				•
Mounting form	N° of elements			
Rated insulation voltage Ui	Mounting form			mounting with
IEC/EN V 690	Contact characteristics			
Rated impulse withstand voltage Uimp	Rated insulation voltage Ui			
Rated impulse withstand voltage Uimp		IEC/EN	V	690
Conventional free air thermal current lith		UL/CSA		600
IEC/EN			kV	6
Rated operational voltage	Conventional free air thermal current Ith			
Rated operational voltage			Α	
Rated operational impulse voltage KV 4		UL/CSA		
Maximum fuse size for short-circuit protection In (gG) 10kA	·			
10kA			kV	4
15kA	Maximum fuse size for short-circuit protect	· · · · · · · · · · · · · · · · · · ·		
Rated short time current Icw 1s				
Rated short time current low				
Simple-phase AC23A Simple-	B	25KA	А	25
Conductivity	Rated short time current ICW	4	Ι- Λ	400
Operational current le IEC/EN	Conductivity	18	KA	
AC1/AC21A AC15 AC15 T10V A 16 220/230V A 12 380/400V A 8 660/690V A 2 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 Single-phase AC-3 Three-phase AC-3 110V kW 7.5 500/690V kW 7.5 Single-phase AC-3 220/230V kW 5.5 Three-phase AC-3 220/230V kW 5.5 Single-phase AC-3 220/230V kW 5.5 Three-phase AC-3 110V kW 1.5 220/230V 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 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 3.7 380/440V kW 5.5	·			10/5 MA/V
A 25 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 6.5 380/440V kW 5.5 Three-phase AC23A 220/230V kW 1.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 3.7 380/440V kW 1.5				
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 7.5 500/690V 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 6.5 380/440V kW 11 500/690V kW 11 Single-phase AC23A 110V kW 1.5 220/230V kW 11 500/690V kW 11	ACT/ACZTA		۸	25
110V	AC15			25
Rated operational power in AC Three-phase AC-3	AC15	110\/	Δ	16
Single-phase AC-34				
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 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				
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 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 3.7 380/440V kW 5.5				
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	Rated operational power in AC	300,000		
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 11 300/690V kW 11 Single-phase AC23A	·	3		
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 3.7 380/440V kW 5.5	е р		kW	5.5
Single-phase AC-3 110V kW 1.5 220/230V kW 3 380/440V 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			kW	
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		-
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
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	3
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		380/440V	kW	5.5
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 AC2	3A		_
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		380/440V	kW	
110V kW 1.5 220/230V kW 3.7 380/440V kW 5.5			kW	11
220/230V kW 3.7 	Single-phase AC2			
380/440V kW 5.5				
	Rated operational current in DC	380/440V	kW	5.5





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	DC24.4			
	DC21A	48V	Α	25
		60V	A	25
		110V	A	4
		220V	A	0.7
	DC23A (poles in series)			
	,	24V	Α	25 (1)
		48V	Α	25 (2)
		60V	Α	25 (3)
		110V	Α	12 (3)
		220V	Α	10 (4)
	DC13		_	
		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
Power dissipation		220V	— A W	1.1
Mechanical features			VV	1.1
Terminals screw				M3.5
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	J	min	AWG	20
		Max	AWG	10
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable		2	
		min	mm²	0.5
Mechanical life		Max	mm²	4 Fx406
UL technical data			cycles	5x10 ⁶
Motor power for direct-	on-line control			
motor power for unedi-	for three-phase motor			
	a oo pridoo 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		0.0	05
		min	°C	-25
	Ctorogo tomporoturo	max	°C	+55
	Storage temperature	min	°C	-40
		min max	°C	-40 +70
Resistance & Protection	n	Παλ		. 7 0
Resistance & Profesion				

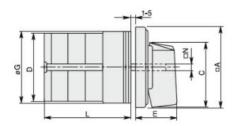


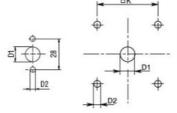
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ENERGY AND AUTOMATION WIGONTING WITH BEACK HANDLE, I NONT FEATE 40X40WIN

Frontal IP degree IP40
Terminals IP degree IP00

Dimensions

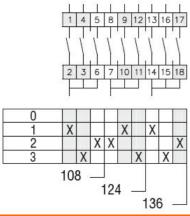




Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

Series	Dimensions								L Number of elements												
	□A	С	ØD	ØD1	ØD2	Е	ØG	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	220.3	249.4	278.5	307.6	336.7	365.8	394.9

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14 IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

UL60947-4-1

Certificates

cCSAus

EAC

UL

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete