



## ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Seinteral Charlestonistics   Switching diagram   135 - Multi-step   0-1-2 3 poles   N° of elements   4   4   4   4   4   4   4   4   4	Product designation Product type designation	ion			Rotary cam switches 7GN32
N° of elements   135 - Multi-step 0-1-2 3 potes   N° of elements   2   2   2   2   2   2   2   2   2					701132
N° of elements   4					
Mounting form	N° of elements				
Rated insulation voltage Uin   IEC/EN   V   690	Mounting form				mounting with
IEC/EN   V 600	Contact characteristics	5			
Rated impulse withstand voltage Uimp	Rated insulation voltage	ge Ui			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current lith			UL/CSA		
IEC/EN   A   40   40   40   40   40   40   40				kV	6
Rated operational voltage   Number	Conventional free air the	nermal current Ith	150/5N	•	22
Rated operational voltage					
Rated operational impulse voltage   Rated operational impulse voltage   Rated operational impulse size for short-circuit protection In (gG)   10kA	Poted energtional volt	000	UL/CSA		
Maximum fuse size for short-circuit protection In (gG)					
10kA				K V	
15kA   A   32   25kA   A   32   A   3	Maximum ruse size ioi	short-circuit protection in (go)	10kΔ	Δ	32
Rated short time current lcw					
Rated short time current Icw					
Rated short time current low					
Conductivity	Rated short time curre	ent Icw			
A   32			1s	kA	800
AC1/AC21A  AC15  AC15  T110V A 25 220/230V A 10 660/690V A 2  Rated operational power in AC  Three-phase AC-3   Rated operational power in AC  Three-phase AC-3  Single-phase AC-3  Three-phase AC-3  AC1/AC21A  AC1/AC1A  AC1/AC21A  AC1/AC21A  AC1/AC1A  AC1/A	Conductivity				10/5 mA/V
AC15  AC15  110V A 25 220/230V A 20 380/400V A 10 660/690V A 2  Rated operational power in AC  Three-phase AC-3  220/230V kW 7.5 380/440V kW 11 500/690V kW 11  Single-phase AC-3  110V kW 2.2 220/230V kW 4 380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 15 500/690V kW 18.5  Single-phase AC23A	Operational current le	IEC/EN			
AC15  110V A 25 220/230V A 20 380/400V A 10 660/690V A 2  Rated operational power in AC  Three-phase AC-3  220/230V kW 7.5 380/440V kW 11 500/690V kW 11  Single-phase AC-3  110V kW 2.2 220/230V kW 4 380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 18.5  Single-phase AC23A		AC1/AC21A			
110V				Α	32
Rated operational power in AC   Three-phase AC-3		AC15			
Rated operational power in AC   Three-phase AC-3					
Rated operational power in AC         Three-phase AC-3         220/230V       kW       7.5         380/440V       kW       11         500/690V       kW       11         Single-phase AC-3         110V       kW       2.2         220/230V       kW       4         380/440V       kW       6.5         Three-phase AC23A         220/230V       kW       8         380/440V       kW       15         500/690V       kW       18.5         Single-phase AC23A         110V       kW       2.2         220/230V       kW       4					
Rated operational power in AC Three-phase AC-3  220/230V kW 7.5 380/440V kW 11 500/690V kW 11  Single-phase AC-3  110V kW 2.2 220/230V kW 4 380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 8 380/440V kW 15 500/690V kW 18.5					
Three-phase AC-3  220/230V kW 7.5 380/440V kW 11 500/690V kW 11  Single-phase AC-3  110V kW 2.2 220/230V kW 4 380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 8 380/440V kW 15 500/690V kW 18.5	<del></del>		660/690V	Α	2
220/230V kW 7.5 380/440V kW 11 500/690V kW 11  Single-phase AC-3  110V kW 2.2 220/230V kW 4 380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 15 500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 4	Rated operational pow				
380/440V kW 11 500/690V kW 11  Single-phase AC-3  110V kW 2.2 220/230V kW 4 380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 4 220/230V kW 4		Inree-phase AC-3	220/2201/	LAAA	7.5
Single-phase AC-3					
Single-phase AC-3  110V kW 2.2 220/230V kW 4 380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 4					
110V kW 2.2 220/230V kW 4 380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 4		Single-phase AC-3	300/030 V	KVV	
220/230V kW 4 380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 4		enigio prideo rie e	110V	kW	2.2
380/440V kW 6.5  Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 4					
Three-phase AC23A  220/230V kW 8 380/440V kW 15 500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 4					
220/230V kW 8 380/440V kW 15 500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 4		Three-phase AC23A			-
500/690V kW 18.5  Single-phase AC23A  110V kW 2.2 220/230V kW 4		·	220/230V	kW	8
Single-phase AC23A  110V kW 2.2 220/230V kW 4			380/440V	kW	15
110V kW 2.2 220/230V kW 4			500/690V	kW	18.5
220/230V kW 4		Single-phase AC23A			
380/440V kW 7.5					
			380/440V	kW	7.5





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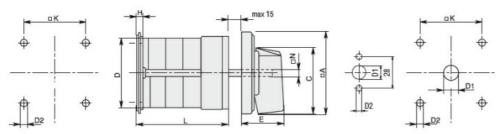
Rated operational cui				
	DC21A	40)/		
		48V	A	32
		60V	A	32
		110V	A	6
	DC00A (redection region)	220V	Α	0.9
	DC23A (poles in series)	0.41/		00 (4)
		24V	A	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	A	15 (3)
	D040	220V	Α	12 (4)
	DC13	0.41/	^	20
		24V	A	32
		48V	A	25
		60V	A	16
		110V	A	3
D		220V	Α	0.5
Power dissipation			W	1.5
Mechanical features				N44
Terminals screw				M4
Tightening torque for	terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	6
Mechanical life			cycles	5x10 <sup>6</sup>
UL technical data				
Motor power for direc	ct-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
	Operating temperature			
	· · · ·	min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

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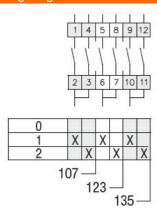
# Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

#### **Dimensions**



Series	Dimensions							L Number of elements												
	□A	С	ØD	ØD2	Е	H	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN25	48	39.5	43	5	26.5	5	36	6	42.5	56.1	69.7	83.3	96.9	110.5	124.1	137.7	151.3	164.9	178.5	192.1
7GN32	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN40	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN63	65	53	62	6	34.5	7.5	68	7	53.3	71.4	89.5	107.6	125.7	143.8	161.9	180	198.1	216.2	234.3	252.4
7GN125	90	70.5	86	6	41.4	7.5	68	9	74.8	103.9	133	162.1	191.2	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