



ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4-5-6, 1 POLE 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation				Rotary cam
_				switches
Product type designati General characteristics				7GN40
Switching diagram				85 - Multi-step 1- 2-3-4-6 1 pole
N° of elements				3
<u></u>				O - Rear
Mounting form				mounting with black handle
Contact characteristics	3			
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air the	nermal current ith	IEC/EN	۸	40
		UL/CSA	A A	40 50
Rated operational volta	200	UL/C3A		480
Rated operational imp			kV	4
	short-circuit protection In (gG)		ΚV	
Maximum rase size for	onort onodit proteotion in (go)	10kA	Α	40
		15kA	Α	40
		25kA	Α	40
		50kA	Α	40
		63kA	Α	40
Rated short time curre	nt Icw			
		1s	Α	1000
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			4.0
	1015		Α	40
	AC15	110V	۸	25
		220/230V	A A	25 22
		380/400V	A	12
		660/690V	A	2
Rated operational pow	ver in AC			
	Three-phase AC-3			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC-3			
		110V	kW	3
		220/230V	kW	6.5
		380/440V	kW	8
	Three-phase AC23A	000/0001	1 147	0
		220/230V	kW	8
		380/440V	kW	18.5
	Single phase AC22A	500/690V	kW	22
	Single-phase AC23A	110V	kW	3
		220/230V	kW	6
		220,200 V		•



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Rated operational current in DC			380/440V	kW	11
A	Rated operational cur	rrent in DC			
Conductor size (IEC) - Flexible cable		DC21A			
1100					
DC23A (poles in series)					
DC23A (poles in series)					
A		D0004 (1 : : :)	220V	A	0.9
ABV		DC23A (poles in series)	241/	۸	40 (4)
Section Sect					
1100					
DC13					
DC13					
Power dissipation		DC13			(.)
A		2010	24V	Α	40
Power dissipation					
Name					
Nechanical features				Α	
Nechanical features	Power dissipation				
AWG - Rigid cable					
AWG - Rigid cable	Terminals screw				M4
AWG - Rigid cable Max AWG 16 Max AWG 8	Tightening torque for	terminals max		Nm	1.2
AWG - Flexible cable	Conductor size				
AWG - Flexible cable AWG - Flexible cable		AWG - Rigid cable			
AWG - Flexible cable			min	AWG	16
Max AWG 16 Max AWG 10			Max	AWG	8
Max AWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 6 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 Max mm² 10 Mechanical life cycles 5x10° UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 20 600V HP 20 600V HP 20 600V HP 5 240V HP 5 240		AWG - Flexible cable			
Conductor size (IEC) - Flexible cable					
Max min mm² 1.5 Max mm² 6 Max mm² 1.5 Max mm² 1.5 Max mm² 1.5 Max mm² 1.0 Mechanical life			Max	AWG	10
Max mm² 6 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 10		Conductor size (IEC) - Flexible cable			
Conductor size (IEC) - Rigid cable					
Max min mm² 1.5 Max mm² 10		O	Max	mm²	6
Mechanical life cycles 5x10° UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 20 600V HP 20 600V HP 20 for single-phase motor 120V HP 2 240V HP 5 Ambient conditions Temperature Min °C -25 min °C -25 max °C +55 Storage temperature min °C -40		Conductor size (IEC) - Rigid cable		2	4.5
Mechanical life cycles 5x106 UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 20 600V HP 20 for single-phase motor 120V HP 2 240V HP 5 Ambient conditions Temperature Min °C -25 max °C +55 Storage temperature min °C -40					
Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 20 600V HP 20 600V HP 20 7 7 7 7 7 7 7 7 7	Machanical life		IVIAX		
Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 20 600V HP 20 for single-phase motor 120V HP 2 240V HP 5 Ambient conditions Temperature Min °C -25 max °C +55 Storage temperature min °C -40				cycles	5X IU*
for three-phase motor 120V		t-on-line control			
120V	motor power for difec				
240V		is. thos phase motor	120\/	HP	5
A80V HP 20 600V HP 20					
600V HP 20					
Tor single-phase motor					
120V		for single-phase motor			
Ambient conditions Z40V HP 5			120V	HP	2
Operating temperature				HP	
Operating temperature min °C -25 max °C +55 Storage temperature min °C -40	Ambient conditions				
min °C -25 max °C +55 Storage temperature min °C -40	Temperature				
max °C +55 Storage temperature min °C -40		Operating temperature			
Storage temperature min °C -40			min		
min °C -40			max	°C	+55
		Storage temperature			
max °C +70					
			max	°C	+70

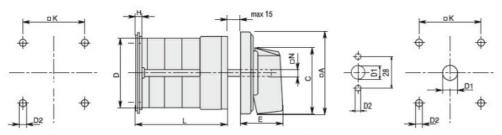


ENERGY AND AUTOMATION

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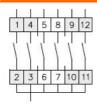
Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

Dimensions



Series	Dimensions					L Number of elements														
Selles	□A	С	ØD	ØD2	Е	Н	□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



1	X					
2			Χ			
3					X	
4		Χ				
5				Χ		
6						χ
	30. 30		30	1	85	- 3

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