ENERGY AND AUTOMATION

ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 1 POLE 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation				Rotary cam switches
Product type designation General characteristics				7GN40
Switching diagram				107 - Multi-step 0-1-2 1 pole
N° of elements				1
Mounting form				O - Rear mounting with black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	ermal current Ith	150/51		4.0
		IEC/EN	A	40
Data dan anational colta		UL/CSA	A V	50
Rated operational volta				480
Rated operational impu			kV	4
Maximum ruse size for	short-circuit protection In (gG)	4014	۸	40
		10kA 15kA	A A	40 40
		25kA	A	40
		50kA	A	40
		63kA	A	40
Rated short time currer	nt Icw	00101		
		1s	kA	1000
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	40
	AC15			_
		110V	Α	25
		220/230V	Α	22
		380/400V	Α	12
		660/690V	Α	2
Rated operational pow	er 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
	There is here A 000A	380/440V	kW	8
	Three-phase AC23A	220/2201/	kW	8
		220/230V 380/440V	kW	8 18.5
		500/690V	kW	22
	Single-phase AC23A	300/030 (IV V V	
	Citigio pridoc AOZOA	110V	kW	3
		220/230V	kW	6
		220/200 V		<u> </u>

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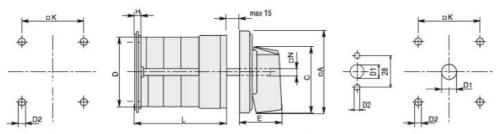
According to control in DC DC21A A			380/440V	kW	11
Age	Rated operational cui	rrent in DC	330, 1.01		
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable		DC21A			
1100					
DC23A (poles in series)					
DC23A (poles in series)					
August A		DC22A (polos in sorios)	220V	А	0.9
Age		DC23A (poles in series)	24\/	Δ	40 (1)
Conductor size (IEC) - Flexible cable					
110V					
DC13 DC13					
DC13					
A 8		DC13			,
Section Sect			24V	Α	40
Prower dissipation			48V	Α	32
Power dissipation W 2.0				Α	
Mechanical features			110V		
Mathematics	Power dissipation			W	2.0
AWG - Rigid cable					
AWG - Rigid cable min AWG 16 Max AWG 8					
AWG - Rigid cable Max AWG 16 Max AWG 16 Max AWG 16 Max AWG 10 Conductor size (IEC) - Flexible cable Max Max Max Conductor size (IEC) - Rigid cable Max mm² 1.5 Max mm² 1.5 Max mm² 1.5 Max mm² 1.0 Max mm² 1.5 Max mm²		terminals max		Nm	1.2
AWG - Flexible cable	Conductor size	ANAC Divid cable			
AWG - Flexible cable AWG - Flexible cable cable AWG - Flexible cable cable AWG - Flexible cable AWG - Flexible cable AWG - Fl		AWG - Rigid cable	min	۸۱۸/۵	16
AWG - Flexible cable min AWG 16 Max AWG 10					
Max AWG 16 Max AWG 10		AWG - Flexible cable	IVICA	AVVO	
Max AWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 6 Max mm² 6 Max mm² 1.5 Max mm² 1.5 Max mm² 1.0 Max mm²		AVVG T TOAIDIC GADIC	min	AWG	16
Conductor size (IEC) - Flexible cable					
Max mm² 1.5 Max mm² 6 Max mm² 1.5 Max mm²		Conductor size (IEC) - Flexible cable			
Conductor size (IEC) - Rigid cable		,	min	mm²	1.5
Max min mm² 1.5 Max mm² 10			Max	mm²	6
Max mm² 10		Conductor size (IEC) - Rigid cable			
Mechanical life					
Motor power for direct-on-line control 120V			Max		
Motor power for direct-on-line control for three-phase motor 120V				cycles	5x10 ⁶
for three-phase motor 120V		A and Parameters I			
120V	iviotor power for direc				
240V		ioi tillee-phase motor	1201/	ШD	5
480V HP 20 600V HP 20 120V HP 2 2 240V HP 5 5 120V HP 5 120V HP 12					
600V HP 20					
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					
120V HP 2 240V HP 5		for single-phase motor			
240V HP 5 Ambient conditions Temperature Operating temperature min °C -25 max °C +55 Storage temperature min °C -40			120V	HP	2
Operating temperature					
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				
Storage temperature max °C +55 min °C -40		Operating temperature			
Storage temperature min °C -40					
min °C -40			max	°C	+55
		Storage temperature		00	40
max °C +70					
			max	- C	+ /U

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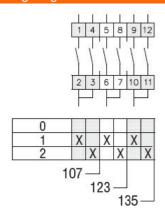
Resistance & Protection Frontal IP degree IP40 Terminals IP degree IP00

Dimensions



Series	Dimensions							L Number of elements												
261162	□A	C	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



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