

7GN321350 ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 0-1-2, 3 POLES 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation			Rotary cam
-			switches
Product type designation General characteristics			7GN32
			135 - Multi-step
Switching diagram			0-1-2 3 poles
N° of elements			4
			O - Rear
Mounting form			mounting with black handle
Contact characteristics			DIACK HARICIE
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	32
	UL/CSA	A	40
Rated operational voltage		<u>V</u>	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	401-4	٨	22
	10kA 15kA	A A	32 32
	25kA	A	32
	50kA	A	32
Rated short time current Icw			
	1s	А	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	32
AC15			
	110V	A	25
	220/230V	A	20
	380/400V 660/690V	A	10 2
Rated operational power in AC	000/090 v	A	2
Three-phase AC-3			
mile phase A0 5	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			2
	220/230V	kW	8
	380/440V	kW	15
Single phase AC22A	500/690V	kW	18.5
Single-phase AC23A	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	7.5
		-	

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Rated operational cu	irrent in DC			
-	DC21A			
		48V	А	32
		60V	А	32
		110V	A	6
		220V	A	0.9
	DC23A (poles in series)	2201	73	0.0
	DOZSA (poles in series)	24V	А	32 (1)
		48V	A	32 (1)
		60V	A	32 (3)
		110V	A	15 (3)
		220V	A	12 (4)
	DC13			
		24V	A	32
		48V	А	25
		60V	Α	16
		110V	Α	3
		220V	А	0.5
Power dissipation			W	1.5
Mechanical features				
Terminals screw				M4
Tightening torque for	r terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable	Max	////0	0
	AWG - Tiexible cable	min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable		2	
		min	mm²	1.5
		Max	mm²	4
	Conductor size (IEC) - Rigid cable			
		min	mm²	1.5
		Max	mm²	6
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for dire	ct-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor	0001		
		120V	HP	2
		240V	HP	5
Ambient conditions		240 0	1.11.	5
Temperature				
remperature	Operating temperature			
	Operating temperature		° ^	05
		min	°C °C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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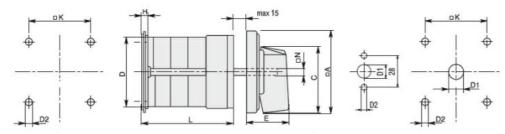
IP40 IP00

Resistance & Protection

Frontal IP degree

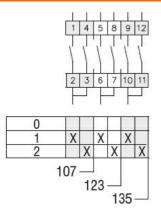
Terminals IP degree

Dimensions



Series Dimensions					L Number of elements															
Series	□A	C	ØD	ØD2	E	Н	۵K	۵N	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 classificatio	n	
		EC001029 -
ETIM 8.0		Selector switch,

7GN32135O

complete