

# 7GN3254O electric ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 1 POLE 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

			Rotary cam
Product designation			switches
Product type designation			7GN32
General characteristics			E4 Changeouer
Switching diagram			54 - Changeover switch without 0 1 pole
N° of elements			1
Mounting form			O - Rear mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			000
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	01/03/	kV	6
Conventional free air thermal current Ith			<u> </u>
	IEC/EN	А	32
	UL/CSA	А	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	32
	15kA	A	32
	25kA 50kA	A A	32 32
Rated short time current Icw	JUKA	~	52
	1s	kA	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	32
AC15			
	110V	A	25
	220/230V 380/400V	A A	20 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 380/440V	kW kW	4 6.5
Three-phase AC23A	380/440 V	r v v	0.5
	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	18.5
Single-phase AC23A			
	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	7.5

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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Rated operational cu	rrent in DC			
	DC21A			
		48V	А	32
		60V	А	32
		110V	А	6
		220V	А	0.9
	DC23A (poles in series)			
	N /	24V	А	32 (1)
		48V	А	32 (2)
		60V	А	32 (3)
		110V	A	15 (3)
		220V	A	12 (4)
	DC13	2201		
	2010	24V	А	32
		48V	A	25
		40V 60V	A	16
		110V	A	3
		220V	A	0.5
Power dissipation		220 V	W	1.5
Mechanical features			vv	1.0
				N44
Terminals screw	to main allo many		N I	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>e</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	0001		
		120V	HP	2
		240V	HP	5
Ambient conditions		270 0	111	<u> </u>
Temperature				
remperature	Operating temperature			
	Operating temperature		° <b>^</b>	25
		min	°C °C	-25
		max	°C	+55
	Storage temperature			10
		min	°C	-40
		max	°C	+70

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IP40 IP00

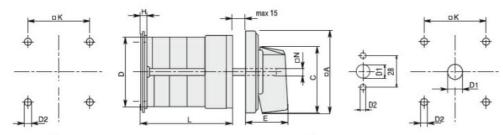
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# Resistance & Protection

Frontal IP degree

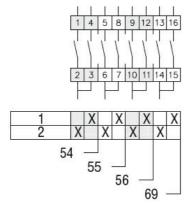
Terminals IP degree

Dimensions



Carias		Dimensions								L Number of elements										
Series	□A	С	ØD	ØD2	E	Н	۵K	□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



#### Certif

Certifications and co	ompliance	
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		
		EC001029
ETIM 8.0		Selector s

#### 29 -Selector switch, complete

7GN32540