



Product designation			Rotary cam
			switches
Product type designation General characteristics			7GN32
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			O - Rear
Mounting form			mounting with
O enter te de encoteniation			black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp	01/00/	kV	6
Conventional free air thermal current Ith			0
	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	А	32
	15kA	А	32
	25kA	A	32
	50kA	A	32
Rated short time current Icw	4 -	1. 4	000
Conductivity	1s	kA	800 10/5 mA/V
Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
		А	32
AC15			
	110V	А	25
	220/230V	А	20
	380/400V	А	10
	660/690V	А	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V 500/690V	kW kW	11 11
Single-phase AC-3	200/0907	kW	11
Single-phase AC-S	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	6.5
Three phase AC22A			

Three-phase AC23A

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7GN3210O electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

220/230V kW 8 380/440V kW 15 500/690V kW 18.5 Single-phase AC23A 110V kW 2.2	
380/440V kW 15 500/690V kW 18.5 Single-phase AC23A	
500/690V kW 18.5 Single-phase AC23A	
Single-phase AC23A	-
)
110V kW 22	
220/230V kW 4	
380/440V kW 7.5	
Rated operational current in DC	
DC21A	
48V A 32	
60V A 32	
110V A 6	
220V A 0.9	
DC23A (poles in series)	
	1)
24V A 32 (1	
48V A 32 (2	
60V A 32 (3	
110V A 15 (3	
220V A 12 (4	4)
DC13	
24V A 32	
48V A 25	
60V A 16	
110V A 3	
Power dissipation W 1.5 Mechanical features	
Terminals screw M4	
Tinktoning tenning for tenning la grant	
Tightening torque for terminals max Nm 1.2	
Conductor size	
Conductor size AWG - Rigid cable	
Conductor size	
Conductor size AWG - Rigid cable	
Conductor size AWG - Rigid cable min AWG 16	
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable	
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16	
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 16 Max AWG 10	
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 16 16 Max AWG 10 10 Conductor size (IEC) - Flexible cable Ket State Ket State	
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 16 10 Conductor size (IEC) - Flexible cable min mm² 1.5	
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 AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 16 Max AWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 Conductor size (IEC) - Rigid cable Max mm² 4	
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Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 16 Max AWG 16 Max AWG 10 10 10 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 1.5 Max mm² 4 10 1.5 1.5 1.5 Max mm² 4 1.5 1.5 1.5 1.5 1.5 Max mm² 1.5 1.5 1.5 1.5 1.5 1.5 Max mm² 1.5 1.5 1.5 1.5 1.5 1.5 Max mm² 1.5 <t< td=""><td>De</td></t<>	De
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 1.5 1.5 Max mm² 6 6 1.5 Mechanical life cycles 5x10 1.5 UL technical data Motor power for direct-on-line control 5 5	0 ⁶
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 16 Max AWG 16 Max AWG 16 Max AWG 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 1.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 Mechanical life cycles 5x10 UL technical data 5x10 1.5 Motor power for direct-on-line control for three-phase motor for three-phase motor 5x10 5x10	0e
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 1.5 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 6 Mechanical life cycles 5x10 UL technical data UL technical data 120V HP 5	De
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 10 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 1.5 Max mm² 6 5x10 UL technical life cycles 5x10 UL technical data 120V HP 5 240V HP 10	De
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 16 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 1.5 1.5 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 1.5 1.5 Motor power for direct-on-line control for three-phase motor 120V HP 5 120V HP 5 240V HP 10 480V HP 15 15	0 ^e
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 1.5 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 1.5 Max mm² 6 1.5 Max mm² 6 1.5 Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15 600V HP 15	De
Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 4 16 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 1.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 Mechanical life cycles 5x10 UL technical data technical data	0 ⁶
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Conductor size AWG - Rigid cable min AWG 16 Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 10 10 Conductor size (IEC) - Flexible cable min mm² 1.5 Max mm² 1.5 Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6 cycles 5x10 UL technical data mm² 6 cycles 5x10 Motor power for direct-on-line control for three-phase motor 120V HP 5 240V HP 10 480V HP 15 600V HP 15 600V HP 15	0 ⁶

7GN32100

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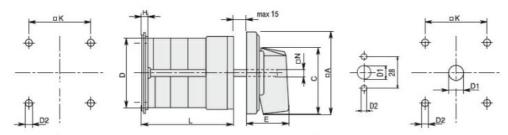


7GN32100 electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Temperature

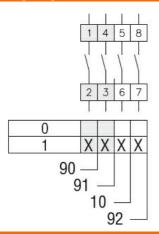
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP00
Dimensions			

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Series				Dimer	nsions								LI	Number	of eler	nents				
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



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

7GN32100



ENERGY AND AUTOMATION

7GN32100 electric ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 3 POLES 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

EAC UL ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete