# ROTARY CAM SWITCH 7GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 63A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM



Draduat designation			Rotary cam
Product designation			switches
Product type designation			7GN63
General characteristics			
			03 - ON/OFF
Switching diagram			spring return
NIO 6 Local			switch 3 poles
N° of elements			2
Mounting form			O - Rear mounting with
Mounting form			black handle
Contact characteristics			black Harialo
Rated insulation voltage Ui			
Trains module trainings of	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	63
	UL/CSA	Α	60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	63
	15kA	Α	63
	25kA	Α	63
	50kA	Α	63
	63kA	Α	63
Rated short time current lcw			
	1s	Α	1600
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		A	63
AC15			
	110V	Α	32
	220/230V	Α	25
	380/400V	Α	15
Detail an austicus I account in AQ	660/690V	Α	4
Rated operational power in AC			
Three-phase AC-3	220/2201/	12101	11
	220/230V 380/440V	kW	11 19.5
	380/440V 500/690V	kW kW	18.5 18.5
Single-phase AC-3	300/0907	r.vv	10.0
Single-phase AC-3	110V	kW	3.7
	220/230V	kW	6.5
	220/200 V	17.4.4	



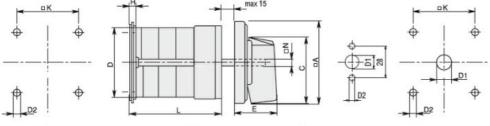
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		380/440V	kW	11.5
	Three-phase AC23A			
		220/230V	kW	12.5
		380/440V	kW	30
		500/690V	kW	30
	Cingle phase AC22A	300/030 V	IX V V	30
	Single-phase AC23A	440)4		
		110V	kW	3.7
		220/230V	kW	7.5
		380/440V	kW	12.5
Rated operational curre	ent in DC			
	DC21A			
	-	48V	Α	63
		60V	A	50
		110V	A	8
		220V	A	1
	DC23A (poles in series)			
		24V	Α	50 (1)
		48V	Α	50 (2)
		60V	Α	50 (3)
		110V	A	25 (3)
		220V		
	70/0	2200	Α	15 (4)
	DC13			
		24V	Α	63
		48V	Α	40
		60V	Α	28
		110V	Α	3.3
Power dissipation			W	3.4
Mechanical features			• • • • • • • • • • • • • • • • • • • •	0.4
				NAC
Terminals screw				M5
Tightening torque for te	erminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
		min	AWG	14
		Max	AWG	6
	AWG - Flexible cable		7	
	AVVG - I lexible cable	min	A1A/C	1.1
		min	AWG	14
		Max	AWG	8
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	10
	Conductor size (IEC) - Rigid cable			<del>-</del>
	( -, <b>3</b>	min	mm²	2.5
		Max	mm²	16
Mechanical life				. •
		111601		5v106
III to obside a later			cycles	5x10 <sup>6</sup>
UL technical data		av		5x10 <sup>6</sup>
UL technical data  Motor power for direct-				5x10 <sup>6</sup>
	on-line control for three-phase motor			5x10 <sup>6</sup>
		120V		5x10 <sup>6</sup>
		120V	cycles	7.5
		120V 240V	cycles HP	7.5 15
		120V 240V 480V	Cycles  HP HP HP	7.5 15 25
	for three-phase motor	120V 240V	cycles HP	7.5 15
		120V 240V 480V 600V	HP HP HP HP	7.5 15 25 25
	for three-phase motor	120V 240V 480V 600V	Cycles  HP HP HP	7.5 15 25
	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	7.5 15 25 25

**Dimensions** 

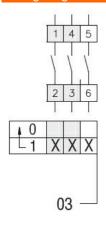
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#### Ambient conditions Temperature Operating temperature °C min -25 °C +55 max Storage temperature °C min -40 °C +70 max Resistance & Protection Frontal IP degree **IP40** Terminals IP degree IP00



Series	Dimensions					L Number of elements														
Series	□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



# 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



### 7GN6303O

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EAC			
UL			

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete