

# ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SPRING RETURN SWITCH 3 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE



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Draduat designation			Enclosed rotary
Product designation			cam switch
Product type designation			7GN32
General characteristics			
O Malifer Personal			03 - ON/OFF
Switching diagram			spring return switch 3 poles
N° of elements			2
of elements			P - Plastic
Mounting form			enclosure with
<b>3</b>			black handle
Contact characteristics			
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	Α	32
	UL/CSA	A	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	401.4		
	10kA	A	32
	15kA	A	32
	25kA	A	32 32
Rated short time current lcw	50kA	Α	32
Rated Short time current icw	1s	Α	800
Conductivity	15		10/5 mA/V
Operational current le IEC/EN			10/3 1117/ V
AC1/AC21A			
ACI/ACZIA		Α	32
AC15			02
	110V	Α	25
	220/230V	Α	20
	380/400V	Α	10
	660/690V	Α	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	kW	4
	380/440V	kW	6.5



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	Three-phase AC23A			
		220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A			
	5 1	110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational co	urrent in DC	000/1101	1000	1.0
rated operational of	DC21A			
	B021/X	48V	Α	32
		60V	A	32
		110V	A	6
		220V		
	DOGGA (color in color)	2200	Α	0.9
	DC23A (poles in series)	0.417		00 (4)
		24V	Α	32 (1)
		48V	Α	32 (2)
		60V	Α	32 (3)
		110V	Α	15 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	32
		48V	Α	25
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
Power dissipation		2201	W	1.5
Mechanical features			VV	1.0
Terminals screw				M4
Tightening torque fo	ar tarminala may		Nm	1.2
Conductor size	n terrilliais max		INIII	1.2
Conductor Size	ANACO Dimini and a			
	AWG - Rigid cable		414/0	4.0
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
				4
		Max	mm²	7
	Conductor size (IEC) - Rigid cable		mm²	<del>-</del>
	Conductor size (IEC) - Rigid cable		mm² mm²	
	Conductor size (IEC) - Rigid cable	Max min	mm²	1.5
Mechanical life	Conductor size (IEC) - Rigid cable	Max	mm² mm²	1.5 6
Mechanical life UL technical data	Conductor size (IEC) - Rigid cable	Max min	mm²	1.5
UL technical data		Max min	mm² mm²	1.5 6
	ect-on-line control	Max min	mm² mm²	1.5 6
UL technical data		Max min Max	mm² mm² cycles	1.5 6 5x10 <sup>6</sup>
UL technical data	ect-on-line control	Max min Max 120V	mm² mm² cycles	1.5 6 5x10 <sup>6</sup>
UL technical data	ect-on-line control	Max min Max 120V 240V	mm² mm² cycles	1.5 6 5x10 <sup>6</sup> 5 10
UL technical data	ect-on-line control	Max min Max 120V 240V 480V	mm² mm² cycles	1.5 6 5x10 <sup>6</sup> 5 10 15
UL technical data	ect-on-line control for three-phase motor	Max min Max 120V 240V	mm² mm² cycles	1.5 6 5x10 <sup>6</sup> 5 10
UL technical data	ect-on-line control	Max min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	1.5 6 5x10 <sup>6</sup> 5 10 15
UL technical data	ect-on-line control for three-phase motor	Max min Max 120V 240V 480V	mm² mm² cycles	1.5 6 5x10 <sup>6</sup> 5 10 15



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### Ambient conditions

## Temperature

Operating	temperature

min	°C	-25
max	°C	+55

Storage temperature

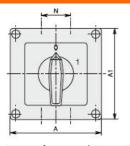
min	°C	-40
max	°C	+70

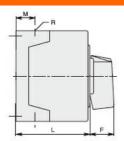
## Resistance & Protection

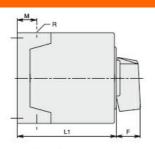
Frontal IP degree IP65

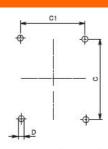
Terminals IP degree IP00

#### Dimensions



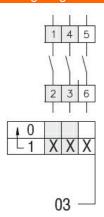






Carias	Enclosure	Number o	f elements	Dimensions							Cable	Protection			
Series	size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6		0.000					300000					400000000
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32	1	1-2	3 - 4		0.200,00			10000						100000000000000000000000000000000000000	
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8												
7GN20	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1-4	5 - 8												
7GN25	1	1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN32	]	1-3	4 - 5	110	110	96.4	03	4.5	32	21	39.5	65.5	119.5	4XPG21	IPOD
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												
7GN40	5.11a-1110.004.1709.1 V	1 - 2	3 - 4	105	175	140	110		32	21	68	040	440.0	4xPG21	IDCE
7GN63	1	1 - 2	3 - 4	125	175	146	112	5.5	32	21	80	84.3	118.3	2xPG11	IP65
7GN125		1	2												
7GN32	180x254	1 - 5	6-8												
7GN40		1 - 4	5 - 7	100	054	400	100		20	25	70	404	475	4xPG29	IDOE
7GN63	1	1 - 3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65
7GN125		1 - 2	3 - 4												

## Wiring diagrams



## Certifications and compliance

## Compliance



### 7GN3203P

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IEC/EN/BS 60947-1 IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

Certificates

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete