



Product designation			Rotary cam
•			switches
Product type designation			7GN40
General characteristics			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
			P - Plastic
Mounting form			enclosure with
			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
De la	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	ICO/CNI	Λ	40
	IEC/EN UL/CSA	A	40 50
Rated operational voltage	UL/CSA	A V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		K V	4
Maximum ruse size for short-circuit protection in (go)	10kA	Α	40
	15kA	A	40
	25kA	Α	40
	50kA	Α	40
	63kA	Α	40
Rated short time current Icw			
	1s	kA	1000
	60s	Α	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
- <del></del>		Α	40
AC15	44014		
	110V	A	25
	220/230V	A	22
	380/400V 660/690V	A A	12
Rated operational power in AC	000/0907	A	2
Three-phase AC-3			
Thice phase Ac-5	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC-3	222,22 <b>0.</b>		
<b>.</b>	110V	kW	3
	220/230V	kW	6.5



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**electric** ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

		380/440V	kW	8
	Three-phase AC23A			
	·	220/230V	kW	8
		380/440V	kW	18.5
		500/690V	kW	22
	Single-phase AC23A			
	<b>5</b> 1	110V	kW	3
		220/230V	kW	6
		380/440V	kW	11
Rated operational cur	rent in DC			
riator operational out	DC21A			
	562111	48V	Α	40
		60V	A	40
		110V	A	6
	DOOM (salas is as is a)	220V	Α	0.9
	DC23A (poles in series)	0.41/		40 (4)
		24V	A	40 (1)
		48V	Α	40 (2)
		60V	Α	40 (3)
		110V	Α	20 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
Power dissipation			W	2.0
			V V	2.0
Mechanical features			VV	2.0
			VV	M4
Mechanical features Terminals screw	terminals max			M4
Mechanical features Terminals screw Tightening torque for	terminals max		Nm	
Mechanical features Terminals screw				M4
Mechanical features Terminals screw Tightening torque for	terminals max  AWG - Rigid cable	min	Nm	M4 1.2
Mechanical features Terminals screw Tightening torque for		min May	Nm AWG	M4 1.2
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable	min Max	Nm	M4 1.2
Mechanical features Terminals screw Tightening torque for		Max	Nm AWG AWG	M4 1.2 16 8
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable	Max min	Nm AWG AWG	M4 1.2 16 8
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable  AWG - Flexible cable	Max	Nm AWG AWG	M4 1.2 16 8
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable	Max min Max	Nm  AWG AWG  AWG  AWG	M4 1.2 16 8 16 10
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable  AWG - Flexible cable	Max min Max min	Nm  AWG AWG  AWG  AWG  AWG	M4 1.2 16 8 16 10
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max	Nm  AWG AWG  AWG  AWG	M4 1.2 16 8 16 10
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable  AWG - Flexible cable	Max min Max min	Nm  AWG AWG  AWG  AWG  AWG	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min	Nm  AWG AWG  AWG  AWG  AWG	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max	Nm  AWG AWG  AWG  AWG  mm² mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for the Conductor size  Mechanical life	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for the Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for the Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for the Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	Nm  AWG AWG  AWG  AWG  mm² mm²  cycles	M4 1.2 16 8 16 10 1.5 6 1.5 10 5x10 <sup>6</sup>
Mechanical features Terminals screw Tightening torque for the Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min Max  120V 240V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles	M4 1.2  16 8  16 10  1.5 6  1.5 10  5x10 <sup>6</sup>
Mechanical features Terminals screw Tightening torque for the Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max  min Max  120V 240V 480V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles  HP  HP	M4 1.2  16 8  16 10  1.5 6  1.5 10 5x10 <sup>6</sup>
Mechanical features Terminals screw Tightening torque for the Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max min Max  120V 240V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles	M4 1.2  16 8  16 10  1.5 6  1.5 10  5x10 <sup>6</sup>
Mechanical features Terminals screw Tightening torque for the Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max  min Max  120V 240V 480V 600V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles  HP  HP  HP  HP	M4 1.2  16 8  16 10  1.5 6  1.5 10 5x10 <sup>6</sup> 5 10 20 20
Mechanical features Terminals screw Tightening torque for the Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max  min Max  120V 240V 480V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles  HP  HP	M4 1.2  16 8  16 10  1.5 6  1.5 10 5x10 <sup>6</sup>

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#### Ambient conditions

## Temperature

Operating temperature

max	°C	+55
min	°C	-25

Storage temperature

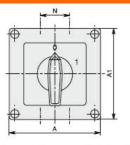
min	°C	-40
max	°C	+70

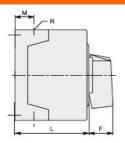
## Resistance & Protection

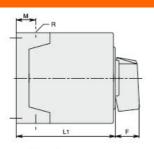
Frontal IP degree IP65

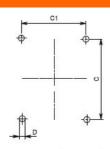
Terminals IP degree IP00

#### **Dimensions**



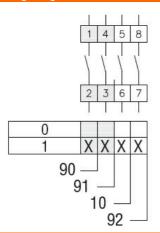






Series	Enclosure	Number o	f elements	Dimensions							Cable	Protection			
Series	size	L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	90.00		0000	10000	9800000	4504	1500-01			1000000	2000	100000000000000000000000000000000000000
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32		1-2	3 - 4			3.550				37-33					31000000000
7GN40		1	2-3												
7GN12	110x110	1 - 4	5 - 8												
7GN20		1 - 4	5 - 8												
7GN25		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	30.4	65	4.5	32	21	39.3	00.0	119.5	47.021	11.02
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												100
7GN40		1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63		1 - 2	3 - 4	123	1/3	140	112	0.0	32	21	00	04.3	110.5	2xPG11	11.02
7GN125		1	2							l.					
7GN32	180x254	1 - 5	6 - 8												
7GN40		1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	]	1 - 3	4 - 6	100	204	120	190	5.5	32	33	76	121	1/5	2xPG11	11.00
7GN125		1 - 2	3 - 4												

# Wiring diagrams



# Certifications and compliance

## Compliance



## 7GN4092P

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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 EC001105 - Off-load switch