



# ENCLOSED ROTARY CAM SWITCH 7GN SERIES, MULTI-STEP 1-2-3-4, 3 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product design of the			Enclosed rotary
Product designation			cam switch
Product type designation			7GN32
General characteristics			94 - Multi-step 1-
Switching diagram			2-3-4 3 poles
N° of elements			6
			P - Plastic
Mounting form			enclosure with black handle
Contact characteristics			black flaffale
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	150/51	_	
	IEC/EN	A	32 40
Rated operational voltage	UL/CSA	A V	480
Rated operational voltage  Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		IX V	
maximum race dize for effort effective protection in (ge)	10kA	Α	32
	15kA	Α	32
	25kA	Α	32
	50kA	Α	32
Rated short time current lcw			
	1s	Α	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	32
AC15			32
A010	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
Single phase AC 2	500/690V	kW	11
Single-phase AC-3	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	6.5
Three-phase AC23A			
·	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

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Rated operational current in DC DC21A  48V A 32 60V A 32 110V A 6	
48V A 32 60V A 32	
60V A 32	
	2
110\/	2
110V A 6	
	9
DC23A (poles in series)	
24V A 32	2 (1)
48V A 32	2 (2)
60V A 32	2 (3)
110V A 15	5 (3)
220V A 12	2 (4)
DC13	
24V A 32	2
48V A 25	5
60V A 16	5
110V A 3	
220V A 0.	5
Power dissipation W 1.	5
Mechanical features	
Terminals screw M	4
Tightening torque for terminals max Nm 1.	2
Conductor size	
AWG - Rigid cable	
min AWG 16	6
Max AWG 8	
AWG - Flexible cable	
min AWG 16	6
Max AWG 10	
Conductor size (IEC) - Flexible cable	
min mm² 1.	5
Max mm <sup>2</sup> 4	
Conductor size (IEC) - Rigid cable	
min mm² 1.	5
Max mm <sup>2</sup> 6	
	:10 <sup>6</sup>
JL technical data	_
Motor power for direct-on-line control	
VIOLOI DOMOI IUI UII CUI III IU CUI III III III III	
·	
for three-phase motor	)
for three-phase motor  120V HP 5	
for three-phase motor  120V HP 5 240V HP 10	
for three-phase motor  120V HP 5 240V HP 10 480V HP 15	5
for three-phase motor  120V HP 5 240V HP 10 480V HP 15 600V HP 15	5
for three-phase motor  120V HP 5 240V HP 10 480V HP 15 600V HP 15	5
for three-phase motor  120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor  120V HP 2	5
for three-phase motor  120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor  120V HP 2 240V HP 5	5
for three-phase motor    120V	5
for three-phase motor  120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor  120V HP 2 240V HP 5  Ambient conditions  Temperature  Operating temperature  min °C -2 max °C +5	5
for three-phase motor    120V	5 5 5 5 5 5
for three-phase motor  120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor  120V HP 2 240V HP 5  Ambient conditions  Temperature  Operating temperature  min °C -2 max °C +5	5 5 5 5 5 5 5 0



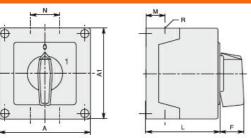
**ENERGY AND AUTOMATION** 

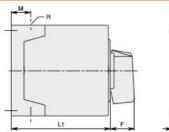
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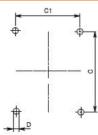
### Resistance & Protection

Frontal IP degree IP65
Terminals IP degree IP00

#### **Dimensions**

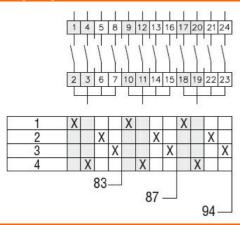






Series	Enclosure size	Number o	er of elements Dimensions						100	Cable	Protection				
		L	L1	Α	A1	С	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20	]	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3										c.		
7GN12	90x90	1 - 3	4 - 6												
7GN20		1-3	4 - 6	10259	5869		3525	200000	2000	25000	10875	15-31520-25			
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												
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	- 00	4.0	02		00.0	00.0	110.0	TAI GET	11 00
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												0.5
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	120	170	140	1.1.2.	0.0	OL.		00	04.0	110.0	2xPG11	11 00
7GN125		1	2												
7GN32	180x254	1-5	6-8											7890.00.00000000000000000000000000000000	
7GN40		1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	1	1 - 3	4 - 6	100		120	100	0.0			,,,	,		2xPG11	11 00
7GN125		1-2	3 - 4												

## Wiring diagrams



#### Certifications and compliance

### Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

#### Certificates

EAC

#### ETIM classification



## 7GN3294P

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ETIM 8.0

EC001029 -Selector switch, complete