

# ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH WITHOUT 0, 1 POLE 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation				Enclosed rotary
Product type designation				cam switch 7GN32
General characteristics				701102
Switching diagram				54 - Changeover switch without 0 1 pole
N° of elements				1
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltage l	Ji			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand			kV	6
Conventional free air ther	mal current Ith			
		IEC/EN	Α	32
		UL/CSA	Α	40
Rated operational voltage			V	480
Rated operational impuls	-		kV	4
Maximum fuse size for sh	nort-circuit protection In (gG)			
		10kA	A	32
		15kA 25kA	A	32 32
		25KA 50kA	A A	32 32
Rated short time current	low	JUKA	A	32
Nateu Short time current	icw	1s	kA	800
Conductivity		13	IV-1	10/5 mA/V
Operational current le IE	C/FN			10/0 111/4 V
-	AC1/AC21A			
•	10 171.02 171		Α	32
Ā	AC15			
		110V	Α	25
		220/230V	Α	20
		380/400V	Α	10
		660/690V	Α	2
Rated operational power	in AC			
7	Three-phase AC-3			
		220/230V	kW	7.5
		380/440V	kW	11
<del>-</del>		500/690V	kW	11
5	Single-phase AC-3			
		110V	kW	2.2
		220/230V	kW	4
=	Three phase AC22A	380/440V	kW	6.5
!	Three-phase AC23A	220/2201	[A/A/	0
		220/230V 380/440V	kW kW	8 15
		500/690V	kW	18.5
_	Single-phase AC23A	300/0301	IV V V	10.0
•	onigic pridate AOZOA	110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
		230, 1.0	•	• • •



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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

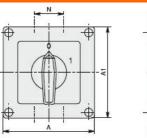
**ENERGY AND AUTOMATION** 

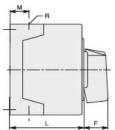
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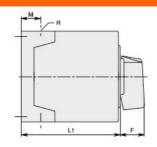
## Resistance & Protection

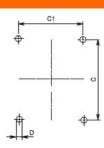
Frontal IP degree IP65
Terminals IP degree IP00

#### Dimensions



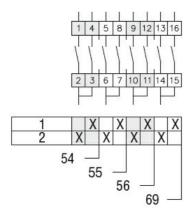






Series	Enclosure size	Number o	f elements	Dimensions								Cable	Protection		
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20	1	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6	94,000	1000	0000	10000	4800000	4624	1500-01	4500		rosseraes	200 12 12 12 12 12 12 12	1000000000
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												31-34-3-1-1
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	4.5	02	"	00.0	00.0	113.5	TAIGET	11 00
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	120	170	140	1112	0.0	02		- 00	04.0	110.0	2xPG11	11 00
7GN125		1	2												
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	.50	234		.50	0.0	J.	"		,21	,,,,	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



### 7GN3254P

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ETIM 8.0

EC001029 -Selector switch, complete