



ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 1 POLE 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Draduat designation				Enclosed rotary
Product designation				cam switch
Product type designati General characteristics				7GN32
Switching diagram				51 - Changeover switch 1 pole
N° of elements				1
Mounting form				P - Plastic enclosure with black handle
Contact characteristics	3			DIACK HANGIE
Rated insulation voltag				
_		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air the	nermal current Ith			
		IEC/EN	Α	32
		UL/CSA	Α	40
Rated operational volta			V	480
Rated operational imp			kV	4
Maximum fuse size for	short-circuit protection In (gG)	401.4	_	
		10kA	A	32
		15kA	A	32
		25kA 50kA	A A	32 32
Rated short time curre	nt low	DUKA	A	32
Rated Short time curre	TIL ICW	1s	kA	800
Conductivity		13	NA.	10/5 mA/V
Operational current le	IEC/EN			10/0 111/0
operational current to	AC1/AC21A			
			Α	32
	AC15			
		110V	Α	25
		220/230V	Α	20
		380/400V	Α	10
		660/690V	Α	2
Rated operational pow				
	Three-phase AC-3			
		220/230V	kW	7.5
		380/440V	kW	11
	0: 1 1 100	500/690V	kW	
	Single-phase AC-3	440)/	1-147	0.0
		110V	kW kW	2.2 4
		220/230V 380/440V	kW	6.5
	Three-phase AC23A	300/440 V	KVV	0.5
	Tillee-pilase A020A	220/230V	kW	8
		380/440V	kW	15
		500/690V	kW	18.5
	Single-phase AC23A	- 7	-	
		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 ² 4	
Conductor size (IEC) - Rigid cable	
min mm² 1.	5
Max mm ² 6	
	:10 ⁶
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



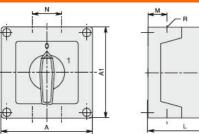
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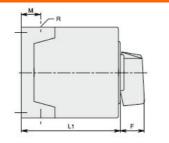
ENERGY AND AUTOMATION

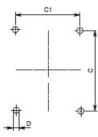
Resistance & Protection

Frontal IP degree IP65
Terminals IP degree IP00

Dimensions

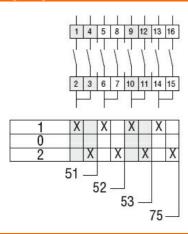






Series E	Enclosure	Number of elements		Ĭ	Dimensions									Cable	Protection
	size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25	1	1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6				00000			100000	100000			2007-17-10-00-0-00-00-0	100000000000000000000000000000000000000
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			3,593		1.00.000		3050		0.0000		31-31-7-5255-534-1	1100110000
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8												
7GN20	and the societation of	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	AvDC01	IP65
7GN32		1-3	4 - 5	110	110	96.4	83	4.5	32	21	39.5	80.0	119.5	4xPG21	IPOD
7GN40		1-2	3-5												
7GN63		1-2	3 - 4												
7GN32	125x175	1-3	4 - 5												
7GN40	200000000000000000000000000000000000000	1 - 2	3 - 4	105	175	140	440	5.5	32	21	68	040	1100	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	100	100		32	35	76	121	175	4xPG29	IDec
7GN63	1	1 - 3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65
7GN125	1	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



7GN3251P

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ETIM 8.0

EC001029 -Selector switch, complete