

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation Product type designation	on			Enclosed rotary cam switch 7GN32
General characteristics				7 61102
Switching diagram				52 - Changeover switch 2 poles
N° of elements				2
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	ermal current Ith			_
		IEC/EN	Α	32
		UL/CSA	Α	40
Rated operational volta	nge		V	480
Rated operational impu	ulse voltage		kV	4
	short-circuit protection In (gG)			
	, (6 ,	10kA	Α	32
		15kA	Α	32
		25kA	Α	32
		50kA	Α	32
Rated short time curre	nt Icw			
		1s	kA	800
Conductivity		-		10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Α	32
	AC15			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	110V	Α	25
		220/230V	Α	20
		380/400V	Α	10
		660/690V	Α	2
Rated operational pow	er in AC	200,000;	- , ,	
rated operational pow	Three-phase AC-3			
	Three phase 700 o	220/230V	kW	7.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC-3	000/0001	1000	
	Cingle phase he s	110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	6.5
	Three-phase AC23A	330,1101		
	Three phase Nozon	220/230V	kW	8
		380/440V	kW	15
		500/440V	kW	18.5
	Single-phase AC23A	330/000 V		
	Cirigio pridoc Aczon	110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
		000/110 V		

ENERGY AND AUTOMATION

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

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

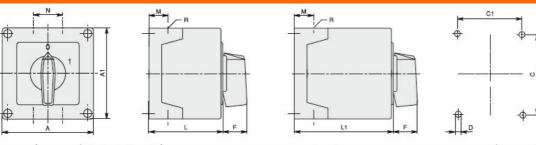


ENERGY AND AUTOMATION

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

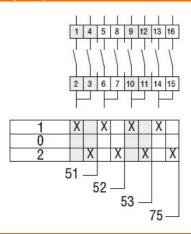
resistance & Frotestion	
Frontal IP degree	IP65
Terminals IP degree	IP00

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		1-2	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	9800000	46250	10000	1000		1000000	2000 1211 2010 2010	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												
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												***
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	1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	1	1 - 3	4 - 6	.50	234	.20		0.0	52	50		,,,,,		2xPG11	50
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



7GN3252P

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

ETIM 8.0

EC001029 -Selector switch, complete