electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 32A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE



Product designation			Rotary cam
Product type designation			switches 7GN32
General characteristics			7 01102
Switching diagram			92 - ON/OFF switch 4 poles
N° of elements			2
<u> 5. 61661</u>			P25 - Plastic
Mounting form			enclosure with
-			red/yellow handle
Contact characteristics			
Rated insulation voltage Ui	.=o/=\.		
	IEC/EN	V	690
Detect inspectors with story a voltage I liner	UL/CSA	V kV	600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		KV	6
Conventional nee all thermal current in	IEC/EN	Α	32
	UL/CSA	A	40
Rated operational voltage	02/00/1		480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
(3-)	10kA	Α	32
	15kA	Α	32
	25kA	Α	32
	50kA	Α	32
Rated short time current Icw			
	1s	Α	800
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			22
1045		Α	32
AC15	110\/	٨	25
	110V 220/230V	A A	25 20
	380/400V	A	10
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3			
	110V	kW	2.2
	220/230V	kW	4
	380/440V	kW	6.5
Three-phase AC23A			



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Single-phase AC23A			220/230V	kW	8
Single-phase AC23A 110V					
110V					
Rated operational current in DC DC21A		Single-phase AC23A			
Rated operational current in DC DC21A			110V	kW	2.2
Rated operational current in DC DC21A			220/230V	kW	4
DC21A			380/440V	kW	7.5
A A 32 600	Rated operational curre				
Conductor size Conductor size (IEC) - Flexible cable Conductor size (IEC) - Flex		DC21A		_	
110V					
DC23A (poles in series)					
Recommendation		DOGGA (nolocino corico)	2200	Α	0.9
ABV		DC23A (poles in series)	241/	۸	22 (4)
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable Con					
110V					
DC13					
DC13					
Power dissipation A		DC13	220 V		12 (4)
ABV A 25 600		2013	24\/	Δ	32
Mechanical life Max Max					
110V					
Power dissipation W 1.5					
Power dissipation W 1.5					
Mechanical features	Power dissipation				
Tightening torque for terminals max					
AWG - Rigid cable	Terminals screw				M4
AWG - Rigid cable min AWG 16 Max AWG 8	Tightening torque for te	erminals max		Nm	1.2
Max	Conductor size				
Max AWG 8 AWG - Flexible cable min AWG 16 Max AWG 10 AWG Max Max		AWG - Rigid cable			
AWG - Flexible cable min AWG 16 Max AWG 10			min		
Max AWG 16 Max AWG 10			Max	AWG	8
Max		AWG - Flexible cable			
Conductor size (IEC) - Flexible cable					
Max min mm² 1.5 Max mm² 4			Max	AWG	10
Max mm² 4 Conductor size (IEC) - Rigid cable min mm² 1.5 Max mm² 6		Conductor size (IEC) - Flexible cable			4.5
Conductor size (IEC) - Rigid cable					
min Max mm² mm² mm² mm² mm² 6 1.5 mm² 6 Mechanical life cycles 5x10° UL technical data Motor power for direct-on-line control 120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5		Conductor size (IEO) Divid coble	IVIAX	mm²	4
Mechanical life cycles 5x10 ⁶ UL technical data Motor power for direct-on-line control 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		Conductor size (IEC) - Rigid cable	ma:-a	mm²	1.5
Mechanical life cycles 5x10 ⁶ UL technical data Motor power for direct-on-line control 120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5					
Motor power for direct-on-line control	Machanical life		IVIAX		
Motor power for direct-on-line control 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				Cycles	3810
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		on-line control			
120V HP 5 240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5	motor power for unedi-				
240V HP 10 480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5		io. ando phado motor	120\/	HP	5
480V HP 15 600V HP 15 for single-phase motor 120V HP 2 240V HP 5					
for single-phase motor 120V HP 2 240V HP 5					
for single-phase motor 120V HP 2 240V HP 5					
120V HP 2 240V HP 5		for single-phase motor			
240V HP 5			120V	HP	2
Ambient conditions					
	Ambient conditions				



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Temperature

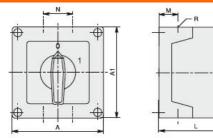
Operating temperature

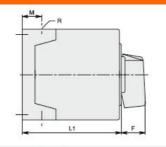
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	

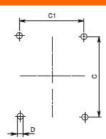
Resistance & Protection

Frontal IP degree	IP65
Terminals IP degree	IP00

Dimensions

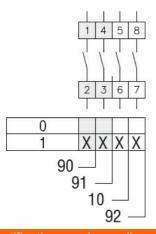






Series	Enclosure	Number o	f elements	Dimensions								Cable	Protection		
Series	size	L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20		1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20		1-3	4 - 6		0.000					30000					400000000
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		(300)			10000						100000000000000000000000000000000000000	33.00
7GN40		1	2-3												
7GN12	110x110	1-4	5 - 8												
7GN20	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	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	4xPG21	IP65
7GN32]	1-3	4 - 5	110	110	96.4	03	4.5	32	21	39.5	65.5	119.5	4XPG21	IPOD
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												
7GN40	5.11a-1110.004.1709.1 V	1 - 2	3 - 4	105	175	140	110		32	21	68	040	440.0	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	400	100		20	25	70	404	475	4xPG29	IDOE
7GN63	1	1 - 3	4 - 6	180	254	120	190	5.5	32	35	76	121	175	2xPG11	IP65
7GN125		1 - 2	3 - 4												

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1



7GN3292P25

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ENERGY AND AUTOMATION

IEC/EN/BS 60947-3 IEC/EN/BS 60947-5-1

Certificates

EAC

ETIM classification

ETIM 8.0 EC001105 - Off-load switch