



ENERGY AND AUTOMATION

Product designation Product type designation		Rotary cam switches 7GN32
General characteristics		701102
Switching diagram		53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements		3
Mounting form Contact characteristics		O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Rated insulation voltage Ui		
IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	kV	6
Conventional free air thermal current Ith IEC/EN UL/CSA	A A	32 40
Rated operational voltage	V	480
Rated operational impulse voltage	kV	4
Maximum fuse size for short-circuit protection In (gG) 10kA 15kA 25kA 50kA	A A A	32 32 32 32
Rated short time current Icw 1s	kA	800
Conductivity	10.1	10/5 mA/V
Operational current le IEC/EN		
AC1/AC21A	Α	32
AC15		
110V	Α	25
220/230V	A	20
380/400V 660/690V	A A	10 2
Rated operational power in AC		
Three-phase AC-3		
220/230V	kW	7.5
380/440V	kW	11
Single-phase AC-3	kW	
Single-phase AC-3	kW	2.2
220/230V	kW	4
380/440V	kW	6.5
Three-phase AC23A		



ENERGY AND AUTOMATION

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				





ENERGY AND AUTOMATION

Temperature

remperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	tion			
Frontal IP degree				IP40
Terminals IP degree	!			IP00
ETIM classification				
ETIM 8.0				EC001029 - Selector switch, complete