

Product designation				Enclosed rotary cam switch
Product type designation				7GN32
General characteristics				
Switching diagram				53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements				3
Mounting form				P25 - Plastic enclosure with red/yellow handle
Contact characteristics				
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 A	32 32 32 32	
Rated short time current Icw	1s	kA	800	
Conductivity	10/5 mA/V			
Operational current Ie IEC/EN				
AC1/AC21A		A	32	
AC15	110V 220/230V 380/400V 660/690V	A A A A	25 20 10 2	
Rated operational power in AC				
Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	7.5 11 11	
Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	2.2 4 6.5	
Three-phase AC23A	220/230V 380/440V 500/690V	kW kW kW	8 15 18.5	
Single-phase AC23A				

ENCLOSED ROTARY CAM SWITCH 7GN SERIES, 2 SPEED MOTOR STARTING WITH SEPARATE WINDINGS 32A IN PLASTIC ENCLOSURE 90X90 WITH RED/YELLOW HANDLE

		110V	kW	2.2
		220/230V	kW	4
		380/440V	kW	7.5
Rated operational current in DC				
DC21A		48V	A	32
		60V	A	32
		110V	A	6
		220V	A	0.9
DC23A (poles in series)		24V	A	32 (1)
		48V	A	32 (2)
		60V	A	32 (3)
		110V	A	15 (3)
		220V	A	12 (4)
DC13		24V	A	32
		48V	A	25
		60V	A	16
		110V	A	3
		220V	A	0.5
Power dissipation			W	1.5
Mechanical features				
Terminals screw			M4	
Tightening torque for terminals max			Nm	1.2
Conductor size				
AWG - Rigid cable		min	AWG	16
		Max	AWG	8
AWG - Flexible cable		min	AWG	16
		Max	AWG	10
Conductor size (IEC) - Flexible cable		min	mm <sup>2</sup>	1.5
		Max	mm <sup>2</sup>	4
Conductor size (IEC) - Rigid cable		min	mm <sup>2</sup>	1.5
		Max	mm <sup>2</sup>	6
Mechanical life			cycles	5x10 <sup>6</sup>
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
Ambient conditions				
Temperature				
Operating temperature		min	°C	-25
		max	°C	+55

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SEPARATE WINDINGS 32A IN PLASTIC ENCLOSURE 90X90 WITH RED/YELLOW HANDLE

Storage temperature

min	°C	-40
max	°C	+70

#### Resistance & Protection

Frontal IP degree	IP65
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Terminals IP degree	IP00
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#### ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete