

Product designation				Enclosed rotary cam switch
Product type designation				7GN32
General characteristics				
Switching diagram				55 - Changeover switch without 0 2 poles
N° of elements				2
Mounting form				P - Plastic enclosure with black handle
Contact characteristics				
Rated insulation voltage Ui	IEC/EN	V	690	
	UL/CSA	V	600	
Rated impulse withstand voltage Uimp			kV	6
Conventional free air thermal current Ith	IEC/EN	A	32	
	UL/CSA	A	40	
Rated operational voltage			V	480
Rated operational impulse voltage			kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	A	32	
	15kA	A	32	
	25kA	A	32	
	50kA	A	32	
Rated short time current Icw			1s	A
				800
Conductivity				10/5 mA/V
Operational current Ie IEC/EN	AC1/AC21A			A
				32
Operational current Ie IEC/EN	AC15			
	110V	A	25	
	220/230V	A	20	
	380/400V	A	10	
	660/690V	A	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			
	220/230V	kW	8	
	380/440V	kW	15	
	500/690V	kW	18.5	
	Single-phase AC23A			
	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 ²	1.5	
	Max	mm ²	4	
Conductor size (IEC) - Rigid cable				
	min	mm ²	1.5	
	Max	mm ²	6	
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	
Ambient conditions				
Temperature				
Operating temperature				
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	

max °C +70

Resistance & Protection

Frontal IP degree IP40

Terminals IP degree IP00

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete