

Product designation	Enclosed rotary cam switch		
Product type designation	7GN32		
<b>General characteristics</b>			
Switching diagram	55 - Changeover switch without 0 2 poles		
N° of elements	2		
Mounting form	P - Plastic enclosure with black handle		
<b>Contact characteristics</b>			
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
	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
<b>Mechanical features</b>				
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>
<b>UL technical data</b>				
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	
<b>Ambient conditions</b>				
Temperature				
Operating temperature				
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	

max °C +70

<b>Resistance &amp; Protection</b>	
Frontal IP degree	IP40
Terminals IP degree	IP00
<b>ETIM classification</b>	
ETIM 8.0	EC001029 - Selector switch, complete