

Product designation			Rotary cam switches		
Product type designation			7GN32		
General characteristics					
Switching diagram			06 - ON/OFF switch 2 poles		
N° of elements			1		
Mounting form			U - Front mounting 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	kA	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

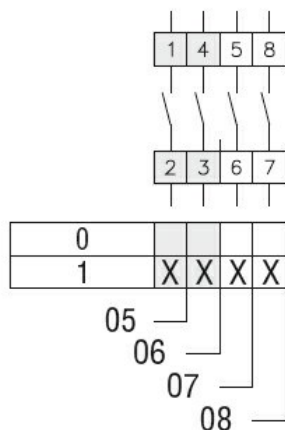
Rated operational current in DC			
DC21A			
	48V	A	32
	60V	A	32
	110V	A	6
	220V	A	0.9
DC23A (poles in series)			
	24V	A	32 (1)
	48V	A	32 (2)
	60V	A	32 (3)
	110V	A	15 (3)
	220V	A	12 (4)
DC13			
	24V	A	32
	48V	A	25
	60V	A	16
	110V	A	3
	220V	A	0.5
Power dissipation		W	1.5
Mechanical features			
Terminals 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

Dimensions

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14
IEC/EN/BS 60947-1
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1
UL60947-4-1

Certificates

cCSAus
EAC
UL

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete