

Product designation			Rotary cam switches		
Product type designation			7GN32		
General characteristics					
Switching diagram			07 - ON/OFF switch 3 poles		
N° of elements			2		
Mounting form			U65 - Front mounting with red/yellow handle padlockable in 0 and protection covers		
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

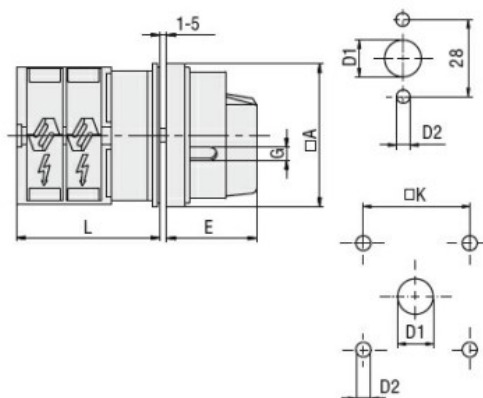
min °C -40
max °C +70

Resistance & Protection

Frontal IP degree IP40

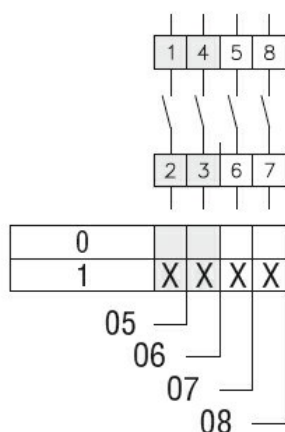
Terminals IP degree IP00

Dimensions



Series	Dimensions						L			
	□A	D1	D2	E	G	□K	1	2	3.....12	
7GN12	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
7GN20	65	12	5	34.2	5	36	36.1	45.8	55.5	142.8
7GN25	65	12	5	34.2	5	36	40.5	54.1	67.7	190.1
7GN32	65	14	5	38	6	48	46.5	61.6	76.7	212.6
7GN40	65	14	5	38	6	48	46.5	61.6	76.7	212.6
7GN63	65	14	5	38	6	48	50.3	68.4	86.5	249.4
7GN125	90	16	6	49	7	68	67.3	96.4	125.5	394.9

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