

Product designation			Rotary cam switches	
Product type designation			7GN32	
General characteristics				
Switching diagram			08 - ON/OFF switch 4 poles	
N° of elements			2	
Mounting form			O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers	
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				

		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

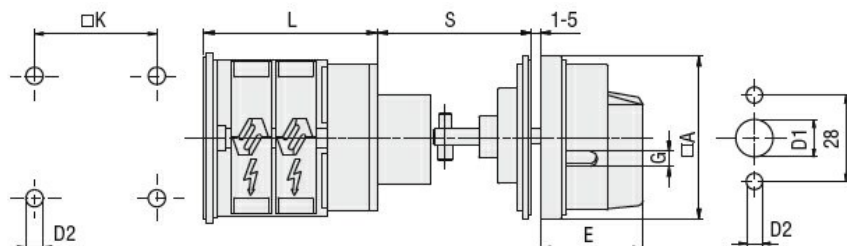
min °C -40
max °C +70

Resistance & Protection

Frontal IP degree IP40

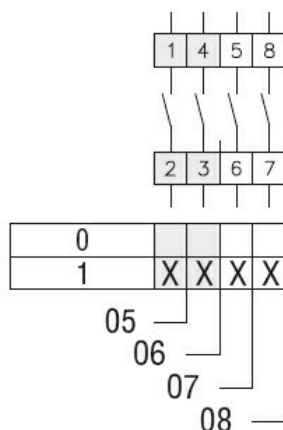
Terminals IP degree IP00

Dimensions



Series	Dimensions							L			
	□A	D1	D2	E	G	□K	S	1	2	3....12	
7GN12	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN20	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN25	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN40	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN63	65	14	6	38	6	68	45-55	57.3	75.4	93.5	256.4

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