

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				O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics				
Rated insulation voltage U_i	IEC/EN	V	690	
	UL/CSA	V	600	
Rated impulse withstand voltage U_{imp}			kV	6
Conventional free air thermal current I_{th}	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 I_n (gG)	10kA	A	32	
	15kA	A	32	
	25kA	A	32	
	50kA	A	32	
Rated short time current I_{cw}	1s	kA	800	
				10/5 mA/V
Conductivity				10/5 mA/V
Operational current I_e 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
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Rated operational current in DC			
DC21A			
	48V	A	32
	60V	A	32
	110V	A	6
	220V	A	0.9
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DC23A (poles in series)			
	24V	A	32 (1)
	48V	A	32 (2)
	60V	A	32 (3)
	110V	A	15 (3)
	220V	A	12 (4)
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DC13			
	24V	A	32
	48V	A	25
	60V	A	16
	110V	A	3
	220V	A	0.5
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Power dissipation		W	1.5
Mechanical features			
Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
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Conductor size			
AWG - Rigid cable			
	min	AWG	16
	Max	AWG	8
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AWG - Flexible cable			
	min	AWG	16
	Max	AWG	10
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Conductor size (IEC) - Flexible cable			
	min	mm ²	1.5
	Max	mm ²	4
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Conductor size (IEC) - Rigid cable			
	min	mm ²	1.5
	Max	mm ²	6
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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
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for single-phase motor			
	120V	HP	2
	240V	HP	5
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Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55

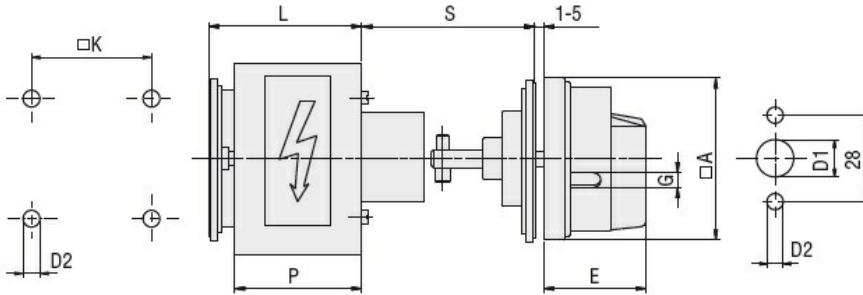
Storage temperature

min °C -40
max °C +70

Resistance & Protection

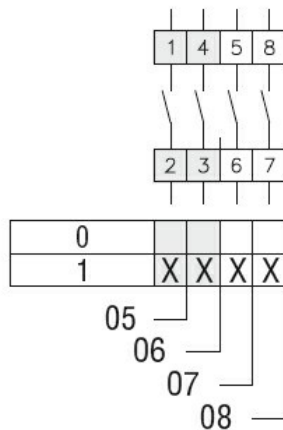
Frontal IP degree IP40
Terminals IP degree IP00

Dimensions



Series	Dimensions								
	□A	D1	D2	E	G	□K	S	P	L
7GN12	65	12	5	34.2	5	36	45-55	43	51.3
7GN20	65	12	5	34.2	5	36	45-55	43	51.3
7GN25	65	12	5	34.2	5	36	45-55	51	59.6
7GN32	65	14	5	38	6	48	45-55	55	68.7
7GN40	65	14	5	38	6	48	45-55	55	68.7

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