

Product designation	Rotary cam switches
Product type designation	7GN63
General characteristics	
Switching diagram	07 - ON/OFF switch 3 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 V 690 UL/CSA V 600
Rated impulse withstand voltage Uimp	kV 6
Conventional free air thermal current Ith	IEC/EN A 63 UL/CSA A 60
Rated operational voltage	V 480
Rated operational impulse voltage	kV 4
Maximum fuse size for short-circuit protection In (gG)	10kA A 63 15kA A 63 25kA A 63 50kA A 63 63kA A 63
Rated short time current Icw	1s kA 1600
Conductivity	10/5 mA/V
Operational current Ie IEC/EN	
AC1/AC21A	A 63
AC15	110V A 32 220/230V A 25 380/400V A 15 660/690V A 4
Rated operational power in AC	
Three-phase AC-3	220/230V kW 11 380/440V kW 18.5 500/690V kW 18.5
Single-phase AC-3	110V kW 3.7 220/230V kW 6.5 380/440V kW 11.5
Three-phase AC23A	220/230V kW 12.5 380/440V kW 30 500/690V kW 30

Single-phase AC23A	110V	kW	3.7
	220/230V	kW	7.5
	380/440V	kW	12.5
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Rated operational current in DC			
DC21A			
	48V	A	63
	60V	A	50
	110V	A	8
	220V	A	1
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DC23A (poles in series)			
	24V	A	50 (1)
	48V	A	50 (2)
	60V	A	50 (3)
	110V	A	25 (3)
	220V	A	15 (4)
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DC13			
	24V	A	63
	48V	A	40
	60V	A	28
	110V	A	3.3
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Power dissipation		W	3.4
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Mechanical features			
Terminals screw			M5
Tightening torque for terminals max		Nm	2
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Conductor size			
AWG - Rigid cable			
	min	AWG	14
	Max	AWG	6
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AWG - Flexible cable			
	min	AWG	14
	Max	AWG	8
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Conductor size (IEC) - Flexible cable			
	min	mm ²	2.5
	Max	mm ²	10
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Conductor size (IEC) - Rigid cable			
	min	mm ²	2.5
	Max	mm ²	16
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Mechanical life		cycles	5x10 ⁶
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UL technical data			
Motor power for direct-on-line control			
for three-phase motor			
	120V	HP	7.5
	240V	HP	15
	480V	HP	25
	600V	HP	25
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for single-phase motor			
	120V	HP	3
	240V	HP	10
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Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55

Storage temperature

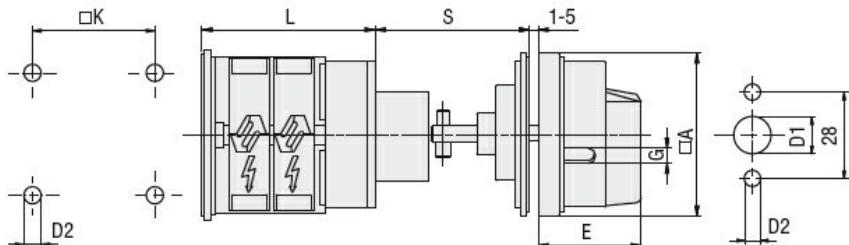
min °C -40
max °C +70

Resistance & Protection

Frontal IP degree IP40

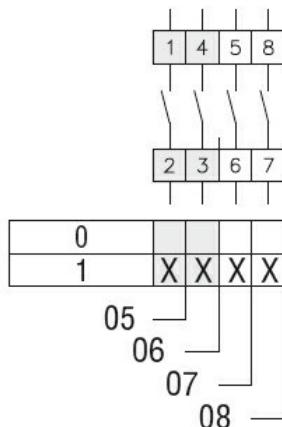
Terminals IP degree IP00

Dimensions



Series	Dimensions							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