

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	U65 - Front mounting with red/yellow handle padlockable in 0 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	63 60
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA 15kA 25kA 50kA 63kA	A A A A A	63 63 63 63 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 220/230V 380/400V 660/690V	A A A A	32 25 15 4
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	11 18.5 18.5
Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	3.7 6.5 11.5
Three-phase AC23A	220/230V 380/440V 500/690V	kW kW kW	12.5 30 30

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

Storage temperature

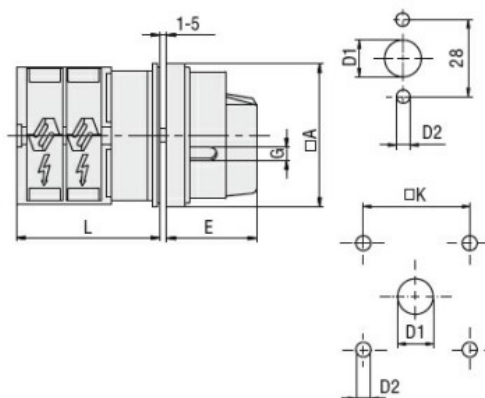
min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree	IP40
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Terminals IP degree	IP00
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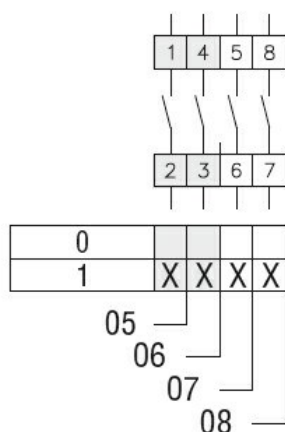
Dimensions



Standard drillings for
7GN125.
Drillings on request for
4 screws fixing
(4V version).

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