



Product designation			Rotary cam switches
Product type designation			7GN25
General characteristics			
Switching diagram			92 - ON/OFF switch 4 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	25
	UL/CSA	A	30
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	25
	15kA	A	25
	25kA	A	25
Rated short time current Icw			
	1s	kA	400
Conductivity			10/5 mA/V
Operational current Ie IEC/EN			
	AC1/AC21A	A	25
	AC15		
	110V	A	16
	220/230V	A	12
	380/400V	A	8
	660/690V	A	2
Rated operational power in AC			
	Three-phase AC-3		
	220/230V	kW	5.5
	380/440V	kW	7.5
	500/690V	kW	7.5
	Single-phase AC-3		
	110V	kW	1.5
	220/230V	kW	3

		380/440V	kW	5.5
Three-phase AC23A		220/230V	kW	6.5
		380/440V	kW	11
		500/690V	kW	11
Single-phase AC23A		110V	kW	1.5
		220/230V	kW	3.7
		380/440V	kW	5.5
Rated operational current in DC				
DC21A		48V	A	25
		60V	A	25
		110V	A	4
		220V	A	0.7
DC23A (poles in series)		24V	A	25 (1)
		48V	A	25 (2)
		60V	A	25 (3)
		110V	A	12 (3)
		220V	A	10 (4)
DC13		24V	A	25
		48V	A	20
		60V	A	16
		110V	A	1.5
		220V	A	0.4
Power dissipation			W	1.1
Mechanical features				
Terminals screw				M3.5
Tightening torque for terminals max			Nm	0.8
Conductor size				
AWG - Rigid cable		min	AWG	20
		Max	AWG	10
AWG - Flexible cable		min	AWG	20
		Max	AWG	12
Conductor size (IEC) - Flexible cable		min	mm ²	0.5
		Max	mm ²	4
Conductor size (IEC) - Rigid cable		min	mm ²	0.5
		Max	mm ²	4
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-on-line control				
for three-phase motor		120V	HP	3
		240V	HP	5
		480V	HP	10
		600V	HP	15
for single-phase motor		120V	HP	1.5

240V HP 3

Ambient conditions

Temperature

Operating temperature

min °C -25
max °C +55

Storage temperature

min °C -40
max °C +70

Resistance & Protection

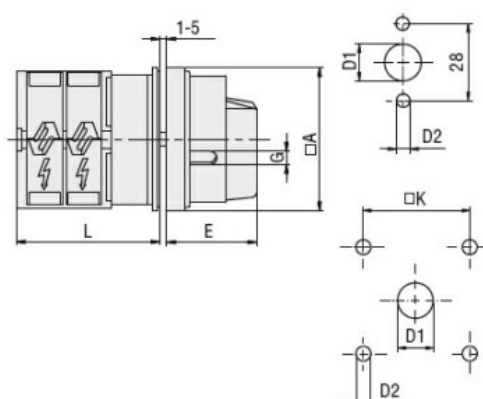
Frontal IP degree

IP40

Terminals IP degree

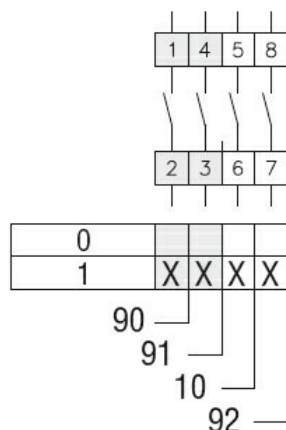
IP00

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

