



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				O88 - 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 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

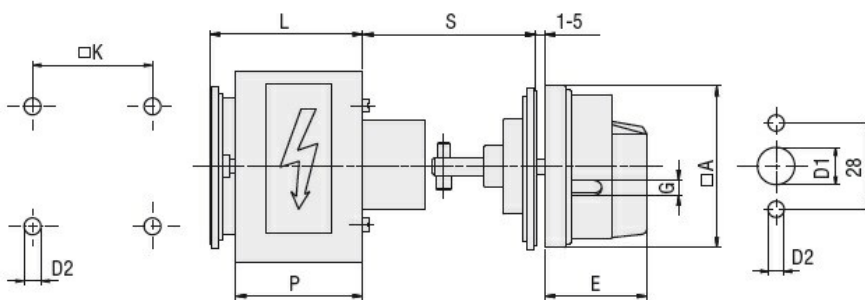
Frontal IP degree

IP40

Terminals IP degree

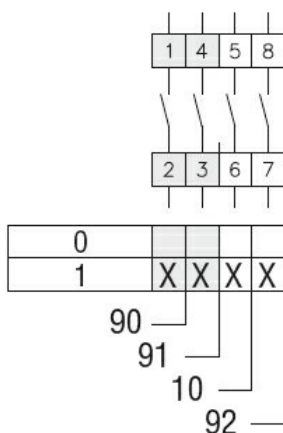
IP00

Dimensions



Series	Dimensions								
	□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

EC001105 - Off-
load switch