

Product designation	Rotary cam switches		
Product type designation	7GN32		
<b>General characteristics</b>			
Switching diagram	55 - Changeover switch without 0 2 poles		
N° of elements	2		
Mounting form	U - Front mounting with black handle		
<b>Contact characteristics</b>			
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	32
	UL/CSA	A	40
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	A	32
	15kA	A	32
	25kA	A	32
	50kA	A	32
Rated short time current Icw	1s	kA	800
Conductivity			10/5 mA/V
Operational current Ie 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
Rated operational current in DC			
DC21A			
48V	A	32	
60V	A	32	
110V	A	6	
220V	A	0.9	
DC23A (poles in series)			
24V	A	32 (1)	
48V	A	32 (2)	
60V	A	32 (3)	
110V	A	15 (3)	
220V	A	12 (4)	
DC13			
24V	A	32	
48V	A	25	
60V	A	16	
110V	A	3	
220V	A	0.5	
Power dissipation		W	1.5
<b>Mechanical features</b>			
Terminals screw		M4	
Tightening torque for terminals max		Nm	1.2
Conductor size			
AWG - Rigid cable			
min	AWG	16	
Max	AWG	8	
AWG - Flexible cable			
min	AWG	16	
Max	AWG	10	
Conductor size (IEC) - Flexible cable			
min	mm <sup>2</sup>	1.5	
Max	mm <sup>2</sup>	4	
Conductor size (IEC) - Rigid cable			
min	mm <sup>2</sup>	1.5	
Max	mm <sup>2</sup>	6	
Mechanical life		cycles	5x10 <sup>6</sup>
<b>UL technical data</b>			
Motor power for direct-on-line control			
for three-phase motor			
120V	HP	5	
240V	HP	10	
480V	HP	15	
600V	HP	15	
for single-phase motor			
120V	HP	2	
240V	HP	5	
<b>Ambient conditions</b>			
Temperature			
Operating temperature			
min	°C	-25	
max	°C	+55	
Storage temperature			
min	°C	-40	

**Resistance & Protection**

Frontal IP degree

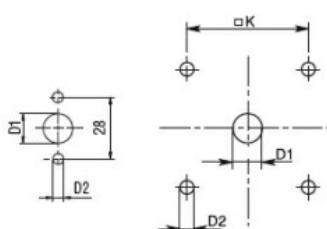
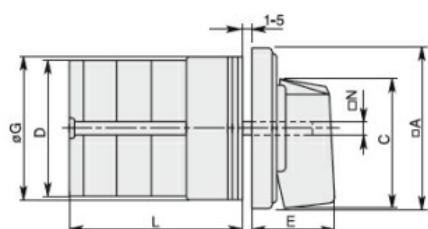
max °C +70

IP40

Terminals IP degree

IP00

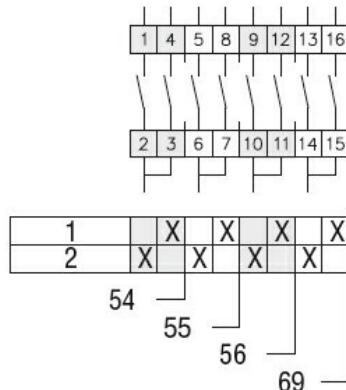
**Dimensions**



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

Series	Dimensions										L Number of elements										
	□A	C	ØD	ØD1	ØD2	E	ØG	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN20	48	39.5	39	12	5	26.5	38	36	6	36.1	45.8	55.5	65.2	74.9	84.6	94.3	104	113.7	123.4	133.1	142.8
7GN25	48	39.5	43	12	5	26.5	38	36	6	40.5	54.1	67.7	81.3	94.9	108.5	122.1	135.7	147.3	162.9	176.5	190.1
7GN32	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN40	65	53	58	14	5	34.5	58.5	48	7	46.5	61.6	76.7	91.8	106.9	122	137.1	152.2	167.3	182.4	197.5	212.6
7GN63	65	53	62	14	5	34.5	58.5	48	7	50.3	68.4	86.5	104.6	122.7	140.8	158.9	177	195.1	213.2	231.3	249.4
7GN125	90	70.5	86	16	6	41.5	84	68	9	67.3	96.4	125.5	154.6	183.7	220.3	249.4	278.5	307.6	336.7	365.8	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