

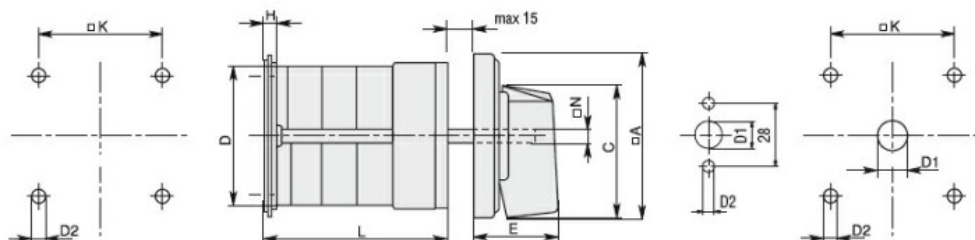
Product designation			Rotary cam switches	
Product type designation			7GN63	
General characteristics				
Switching diagram			75 - Changeover switch 4 poles	
N° of elements			4	
Mounting form			O - Rear mounting with black handle	
Contact characteristics				
Rated insulation voltage Ui			IEC/EN V	690
			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
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

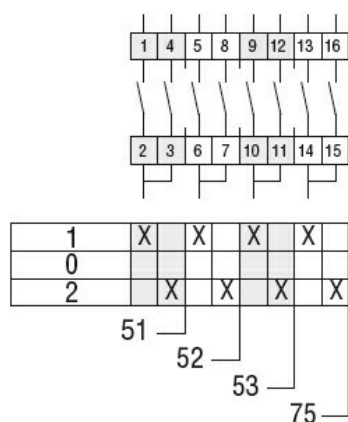
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series	Dimensions								L Number of elements											
	□A	C	∅D	∅D2	E	H	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
7GN12	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN20	48	39.5	39	5	26.5	5	36	6	38.1	47.8	57.5	67.2	76.9	86.6	96.3	106	115.7	125.4	135.1	144.8
7GN25	48	39.5	43	5	26.5	5	36	6	42.5	56.1	69.7	83.3	96.9	110.5	124.1	137.7	151.3	164.9	178.5	192.1
7GN32	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN40	65	53	58	5	34.5	5.5	48	7	48.5	63.6	78.7	93.8	108.9	124	139.1	154.2	169.3	184.4	199.5	214.6
7GN63	65	53	62	6	34.5	7.5	68	7	53.3	71.4	89.5	107.6	125.7	143.8	161.9	180	198.1	216.2	234.3	252.4
7GN125	90	70.5	86	6	41.4	7.5	68	9	74.8	103.9	133	162.1	191.2	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
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