

General characteristics

Switching diagram	75 - Changeover switch 4 poles
N° of elements	4
Mounting form	U47 - Snap on front mounting with black handle for hole diam. 22mm fixing

Contact characteristics

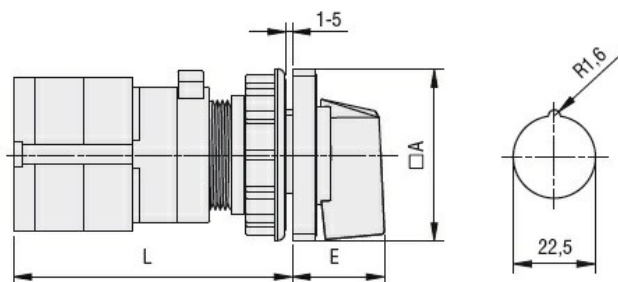
Rated insulation voltage U_i	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage U_{imp}		kV	6
Conventional free air thermal current I_{th}	IEC/EN	A	16
	UL/CSA	A	15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	16
	15kA	A	10
	25kA	A	10
Rated short time current I_{cw}	1s	kA	200
Conductivity			10/5 mA/V
Operational current I_e IEC/EN	AC1/AC21A		
		A	16
	AC15	110V	A 10
		220/230V	A 8
		380/400V	A 4
		660/690V	A 1.5
	Three-phase AC-3	220/230V	kW 2.5
		380/440V	kW 4
		500/690V	kW 5.5
	Single-phase AC-3	110V	kW 0.8
		220/230V	kW 1.5
		380/440V	kW 2.2
Rated operational power in AC	Three-phase AC23A	220/230V	kW 3
		380/440V	kW 5.5
		500/690V	kW 7.5
	Single-phase AC23A	110V	kW 0.8
		220/230V	kW 1.7
		380/440V	kW 3
	Three-phase AC-3	220/230V	kW 2.5
		380/440V	kW 4
		500/690V	kW 5.5
Rated operational current in DC	DC21A		

		48V	A	12
		60V	A	12
		110V	A	4
		220V	A	0.6
		440V	A	0.25
DC23A (poles in series)				
		24V	A	10 (1)
		48V	A	10 (2)
		60V	A	10 (3)
		110V	A	5 (3)
		220V	A	5 (4)
DC13				
		24V	A	12
		48V	A	10
		60V	A	8
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for terminals max			Nm	0.5
Conductor size				
AWG - Rigid cable				
	min	AWG		20
	Max	AWG		12
AWG - Flexible cable				
	min	AWG		20
	Max	AWG		14
Conductor size (IEC) - Flexible cable				
	min	mm ²		0.5
	Max	mm ²		2.5
Conductor size (IEC) - Rigid cable				
	min	mm ²		0.5
	Max	mm ²		2.5
Mechanical life			cycles	3x10 ⁶
UL technical data				
Motor power for direct-on-line control				
for three-phase motor				
		120V	HP	1.5
		240V	HP	3
for single-phase motor				
		120V	HP	0.5
		240V	HP	1
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

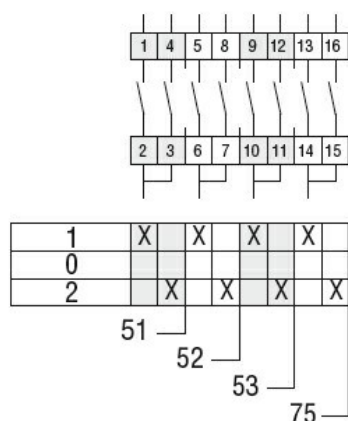
IP00

Dimensions



Series	Dimensions		L			
	□A	E	1	2	3...8	
7GN12	48	26.5	58	67.7	77.4	125.9
7GN20	48	26.5	58	67.7	77.4	125.9
7GN25	48	26.5	62.4	76	89.6	157.6

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