

General characteristics

Switching diagram	67 - Voltmeter switch for phase-phase voltages
N° of elements	2
Mounting form	U47 - Snap on front mounting with black handle for hole diam. 22mm fixing

Contact characteristics

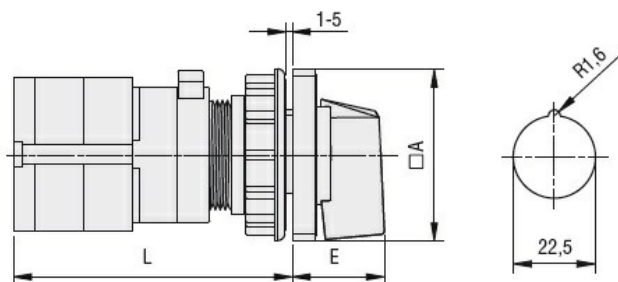
Rated insulation voltage Ui	IEC/EN	V	690		
	UL/CSA	V	600		
Rated impulse withstand voltage Uimp		kV	6		
Conventional free air thermal current Ith	IEC/EN	A	16		
	UL/CSA	A	15		
Rated operational voltage		V	480		
Rated operational impulse voltage		kV	4		
Maximum fuse size for short-circuit protection In (gG)	10kA	A	16		
	15kA	A	10		
	25kA	A	10		
Rated short time current Icw	1s	kA	200		
Conductivity			10/5 mA/V		
Operational current Ie IEC/EN	AC1/AC21A				
		A	16		
	AC15	110V	A	10	
		220/230V	A	8	
		380/400V	A	4	
		660/690V	A	1.5	
	Rated operational power in AC	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	
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		
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

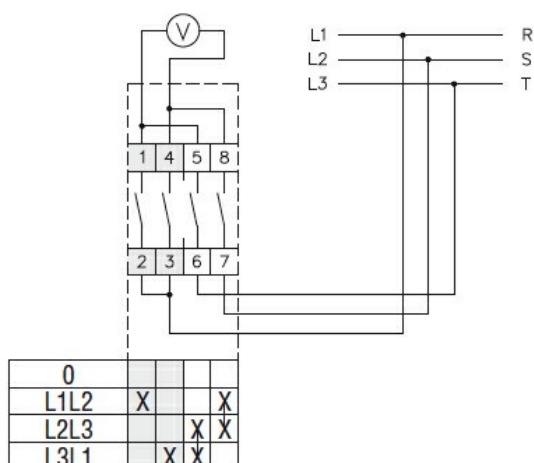
IP00

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