

General characteristics

Switching diagram	98 - Ammeter switch
N° of elements	3
Mounting form	O - Rear mounting with black handle

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	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	16
	15kA	A	16
	25kA	A	16
Rated short time current I_{cw}	1s	kA	250
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 3.5
		380/440V	kW 4.5
		500/690V	kW 5.5
	Single-phase AC-3	110V	kW 0.55
		220/230V	kW 1.5
		380/440V	kW 2.2
	Three-phase AC23A	220/230V	kW 3.7
		380/440V	kW 6.5
		500/690V	kW 7.5
Rated operational power in AC	Single-phase AC23A	110V	kW 0.75
		220/230V	kW 1.8
		380/440V	kW 3
	Rated operational current in DC	48V	A 16
		60V	A 16

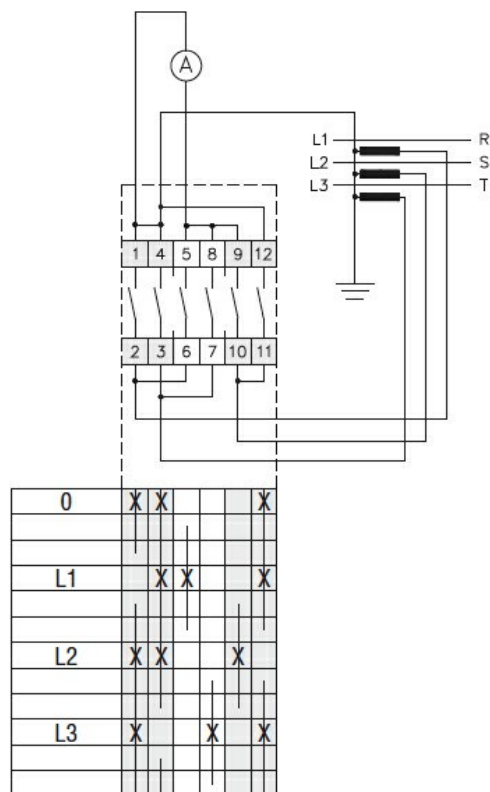
		110V	A	4
		220V	A	0.6
		440V	A	0.25
DC23A (poles in series)				
		24V	A	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	A	7 (4)
DC13				
		24V	A	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening 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	12
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	1X10 ⁶
UL technical data				
Motor power for direct-on-line control				
for three-phase motor				
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
for single-phase motor				
		120V	HP	0.75
		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				IP65

Terminals IP degree

IP20

Dimensions

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

IEC/EN/BS 61058-1

UL60947-4-1

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete