



STANDARDS / APPROVALS

- CE
- VDE0641
- IEC 60898-2

TECHNICAL DATA

- .5 Amp - 63 Amp (C trip)
- Short circuit capacity (6kA) IC
- 6 - 63 Amp (B trip)
- Screw torque to 4.5 Nm.
- Mechanical endurance (20,000 operations)
- Electrical endurance (10,000 operations)
- Current limiting design (Energy limit class 3)
- Max. DC Volts (1P)220 VDC (2P)440 VDC
- Min.. DC Volts 12 V
- Shock resistance (in x, y, z direction) 20g with shock duration of 10ms (minimum 18 shocks) 40g with shock duration of 5ms (minimum 18 shocks)
- Vibration resistance (in x, y, z direction) 3g in frequency range 10 to 55Hz (operating time at least 30 minutes) according to IEC 77 16.3 and DIN 40046 part 8
- Storage temperature From -55°C up to +55°C according to IEC 88 part 2-1
- Tropicalized to +55°C / 95% RH (Acc. IEC 60068-2 / DIN 40046)
- Note: must observe polarity markings due to permanent magnet in the MCB.

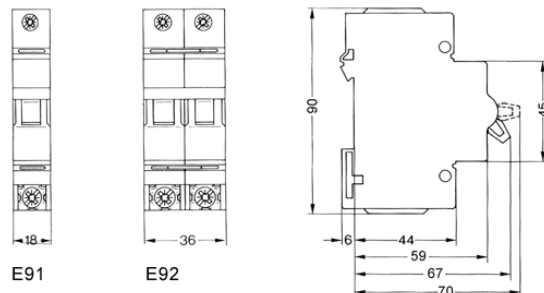
TECHNICAL PERFORMANCE

- 3 optional trip characteristics
 - B = 3-5x magnetic release
 - C = 5-10x magnetic release
 - D = 10-20x magnetic release

	Test current	Tripping time	Application
B =	3 In 5 In	t ≥ 0.1s t < 0.1s	Only for resistive loads such as: - electrical heating - water heater - stoves
C =	5 In 10 In	t ≥ 0.1s t < 0.1s	Usual loads such as: - lighting - socket outlets - small motors
D =	10 In 20 In	t > 0.1s t < 0.1s	Control and protection of circuits having important transient inrush currents (large motors)

DIMENSIONAL DATA

Dimensions Approx.. mm(inch)
E91SUC, E92SUC - .5A to 63A



"B" TRIP (3-5 X In)			"C" TRIP (5-10 X In)		
Amps	Part#	List	Amps	Part#	List
			0,5	E91SUCC0,5	\$52
			1	E91SUCC01	\$52
			2	E91SUCC02	\$52
			3	E91SUCC03	\$52
			4	E91SUCC04	\$52
6	E91SUCB06	\$52	6	E91SUCC06	\$52
10	E91SUCB10	\$52	10	E91SUCC10	\$52
13	E91SUCB13	\$52	13	E91SUCC13	\$52
16	E91SUCB16	\$52	16	E91SUCC16	\$52
20	E91SUCB20	\$52	20	E91SUCC20	\$52
25	E91SUCB25	\$55	25	E91SUCC25	\$55
32	E91SUCB32	\$57	32	E91SUCC32	\$57
40	E91SUCB40	\$62	40	E91SUCC40	\$62
50	E91SUCB50	\$68	50	E91SUCC50	\$68
63	E91SUCB63	\$68	63	E91SUCC63	\$88
			0,5	E92SUCC0,5	\$109
			1	E92SUCC01	\$109
			2	E92SUCC02	\$109
			3	E92SUCC03	\$109
			4	E92SUCC04	\$109
6	E92SUCB06	\$109	6	E92SUCC06	\$109
10	E92SUCB10	\$109	10	E92SUCC10	\$109
13	E92SUCB13	\$109	13	E92SUCC13	\$109
16	E92SUCB16	\$109	16	E92SUCC16	\$109
20	E92SUCB20	\$109	20	E92SUCC20	\$109
25	E92SUCB25	\$117	25	E92SUCC25	\$117
32	E92SUCB32	\$122	32	E92SUCC32	\$122
40	E92SUCB40	\$133	40	E92SUCC40	\$133
50	E92SUCB50	\$143	50	E92SUCC50	\$143
63	E92SUCB63	\$161	63	E92SUCC63	\$161



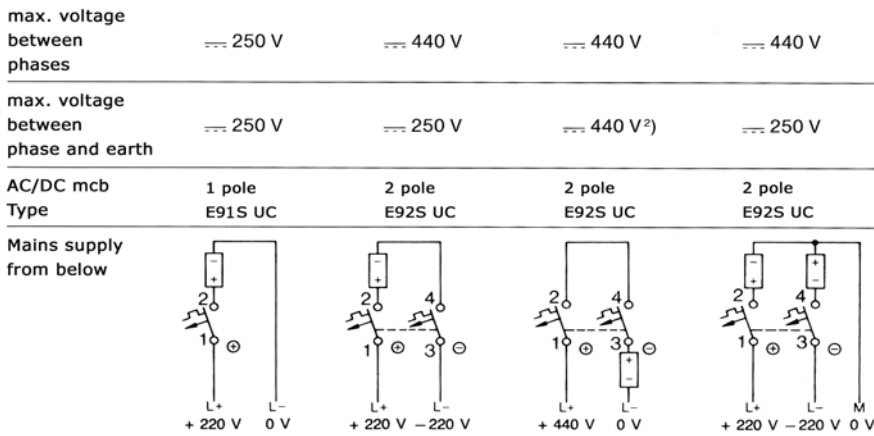
1 Pole



2 Poles

Connection examples

for max. permissible voltages between phases as a function of numbers of poles and connections:



Connection examples

for various voltages between phases as a function of numbers of poles and connection:

