E37

Liquid level and ice thickness electronic regulator

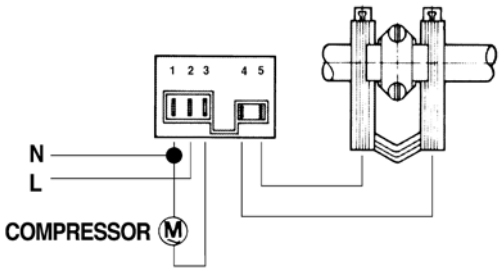
Applications

The regulators E37 detect the electrical conductivity between a group of electrodes and change the status of the output switch in accordance with the change of conductivity. They are available in different versions with two or three sensor electrodes and SPDT or SPST relay output.
Stainless steel L56 sensors compatible with E37 regulators have been specially designed.

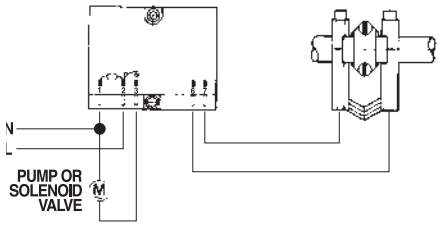
Common features	E37
Absorbed power:	less than 3VA
Ambient temperature during operation:	0...+60 °C
Storage temperature:	-25...+85 °C
Input/output isolation:	2.5kV
Terminal sizes:	input 6.3 mm / sensor 4.8 mm
Sensor:	L56 STAINLESS STEEL

Part number	Application	Power supply	Configuration		Relay Current (Amp)		Resistance (K ohm)			Delay (sec.)	
			Sensors	Relay	Inductive FLA (LRA)	Resistive	Relay cut-on	Relay cut-off	Diff.	Relay cut-on	Relay cut-off
E37M1121001	ice/liquid cabinet	230Vac 50/60Hz	2	SPST	5A (5max 20)	10A	47	85	38	2	25
E37M1156001	ice/ liquid cabinet	230Vac 50/60Hz	2	SPST	4A (4max 20)	4A	47	85	38	2	25
E37M1157001	ice/ liquid cabinet	115Vac 60Hz	2	SPST	4A (4max 20)	4A	47	85	38	2	25
E37M1201001	Liquid level or ice thickness	230Vac 50/60Hz	3	SPDT	4A (4max 20)	10A	47	85	38	/	/
E37M1204001	Liquid level or ice thickness	115Vac 60Hz	3	SPDT	4A (4max 20)	10A	45	85	40	/	/

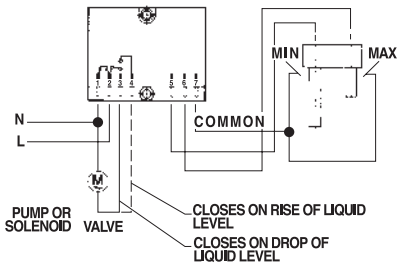
Wiring diagrams



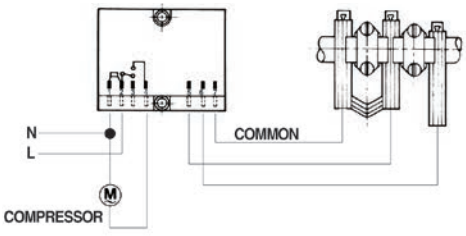
E37 - 1156 and 1157 Ice cabinet or liquid



E37 - 1121 Ice cabinet or liquid



E37 - 1201 and 1204 Liquid level



E37 - 1201 and 1204 Ice cabinet differential

E37

Liquid level and ice thickness electronic regulator

Dimensions

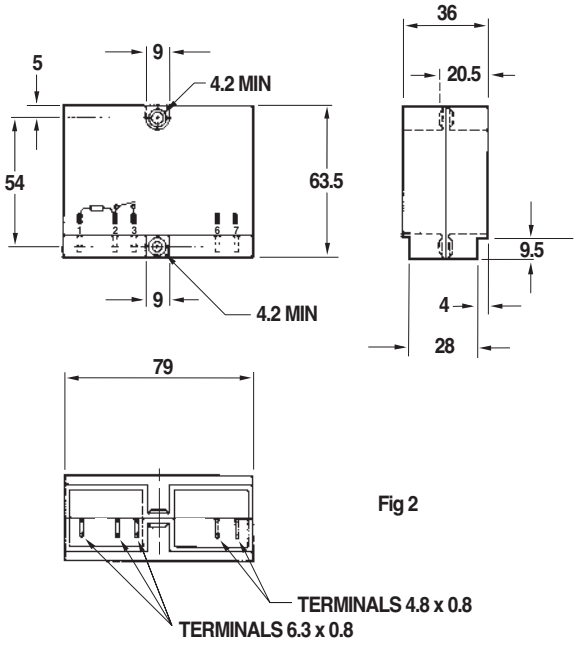


Fig 2

E37- 1121

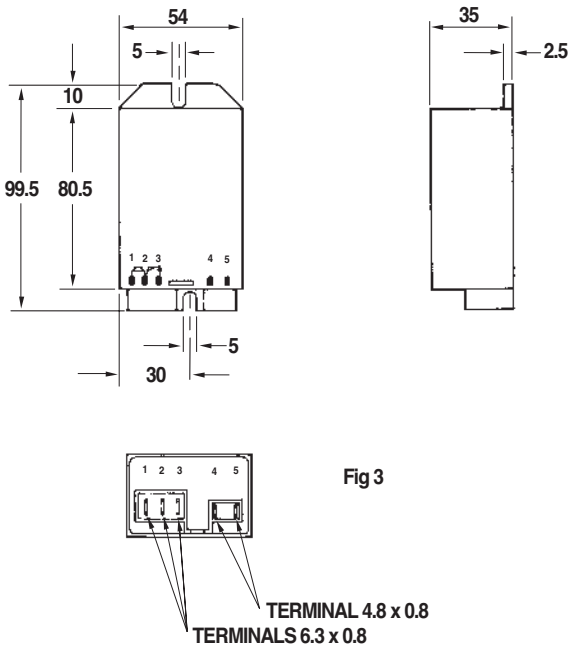


Fig 3

E37- 1156 and 1157

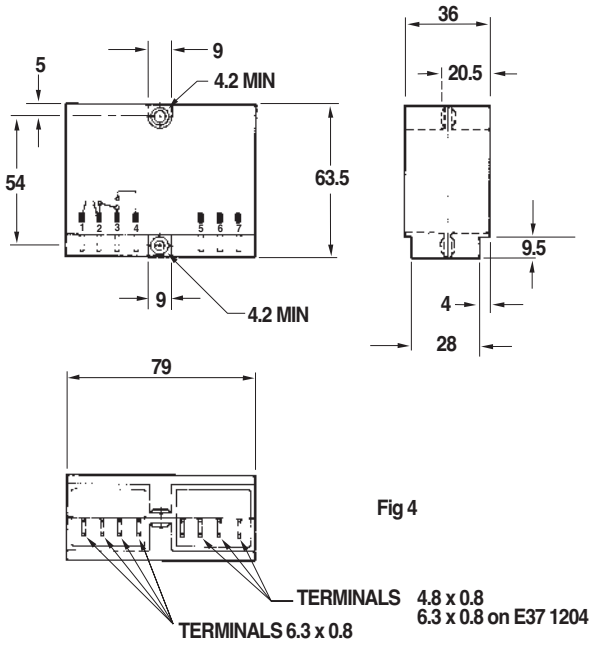


Fig 4

E37- 1201 and 1204