

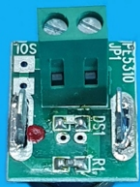
Single Pole

½" Automatic, Manual Reset & One Shot

Snap Action Bimetallic Disc

Thermal Cutouts / Temperature Switch

MIKRON



L20A-PCB



L20A-PCB



L20D-PCB



L30A-PCB-1



L30A-PCB-1



L20D/L21D



L20A/L21A



L30F



L30F



L20/L21



L30A



L20/L21



L30A



L20C/L21C



L20C/L21C

Features

- Snap Action Switch ensures Chatter Free Operation.
- Automatic Reset available with both normally open and normally closed contact.
- Manual Reset – Manually resettable device.
- One Shot – Single operation device.
- Switching System is current insensitive and reacts to external thermal load only.
- Rated at 6, 10 & 16A.
- Operating temperature 40°C to 190°C (at an interval of 10°C)
- Double Break System ensures high switching performance and long service life.
- PPS housing provides, High temperature capability, High Impact strength, Low Static Generation.
- Imported Bimetal Disc for better and reliable operation and tamper proof settings.

Applications

- Temperature Controller or over heat Protector for use wherever the temperature of metal surface is to be controlled.
- Overheat Projectors.
- Instant & Storage Water Geysers, Boilers.
- Induction Heating Equipments.
- UPS, Invertors, SMPS, Battery Chargers, Thyrestors, Heat Sinks.
- Flame Proof Equipment & Fire Alarms.
- Domestic Electric Appliances.
- Protects the equipment against overheat by switching of the power supply.

Special Instructions

- Preferably use heat sink compound on sensing surface before mounting thermal cutouts.
- Manual Reset thermal cutouts can be reset only after substantial drop of temperature.
- Use Push On Terminals Only.
- Do not solder the terminals as soldering may cause damage resulting in malfunction of the device & the guarantee will lapse.

TYPE : L20/L21/L25/L26/L30
(10A – 250V AC)

TYPE : L120/L121/L125/L126/L130
(16A – 250V AC)

L20/L25/L120/L125 : NORMALLY CLOSED
AUTOMATIC RESET

L21/L26/L121/L126 : NORMALLY OPEN
AUTOMATIC RESET

L30/L130 : NORMALLY CLOSED
MANUAL RESET

TEMP. RANGE : 40 TO 130°C for L20, L21,
L30, L120, L121, L130
140 TO 190°C for
L25, L26, L125, L126
(IN 5°C INCREMENTS)

MOUNTINGS

NO LETTER - STD. MOUNTING ROTATING 360°

A - ROUND STUD MOUNTING - M4

B - HEX STUD MOUNTING - M6

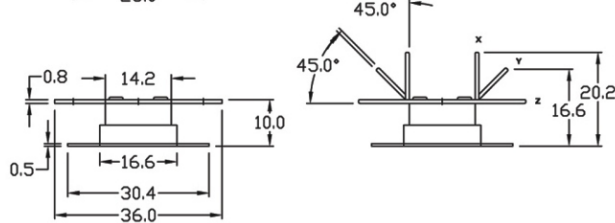
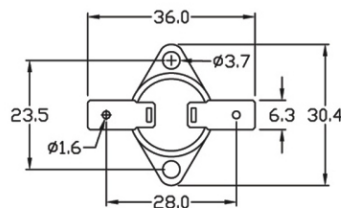
C - RAISED MOUNTING

D - HEX STUD MOUNTING - M4

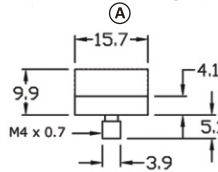
E - ROUND STUD MOUNTING - M5

F - SPOTWELD CAP

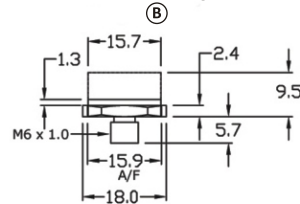
L20/L21/L25/L26 L120/L121/L125/L126



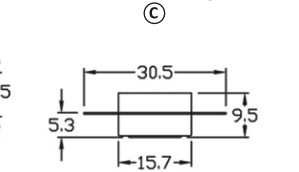
Round Stud Mounting - M4



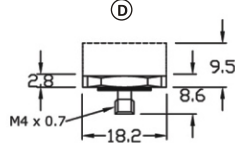
Hex Stud Mounting - M6



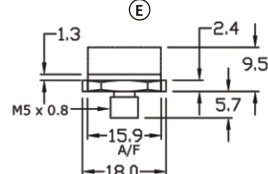
Raised Mounting



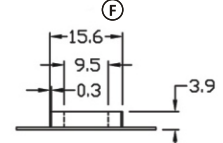
Hex Stud Mounting - M4



ROUND STUD MOUNTING - M5



SPOTWELD CAP



[Dimensions in mm are for reference only]

TECHNICAL DATA

- VOLTAGE:** 250V 50-60 Hz
- CURRENT RATING:** 10A & 16A
- CONTACT RESISTANCE:** < 50 mΩ
- LIFE CYCLE:** 10A 5,000 (RESISTIVE LOAD)
16A 2,500 (RESISTIVE LOAD)
- DIELECTRIC STRENGTH:** 1KV FOR 1 MINUTE
BETWEEN TERMINAL & BODY.
- TOLERANCE:** ±6°C BUT ATLEAST ±7K.
NORMALLY OPEN CONTACT THERMOSTATS
WITH A ±3°C TOLERANCE ARE ALSO AVAILABLE
AT A SPECIAL PRICE UPON REQUEST.
- DIFFERENTIAL / RESET TEMPERATURES:** RESET
TEMPERATURE WILL BE BETWEEN 5°C AND 50°C
BELOW THE RESPONSE TEMPERATURE.

ORDERING INFORMATION

L20 / L21 / L25 / L26 / L30 / L120 / L121 / L125 / L126 / L130

L20

TYPE NO

L20/L25/L120/L125-NORMALLY CLOSED (AUTO RESET)

L21/L26/L121/L126 – NORMALLY OPEN (AUTO RESET)

L30 / L130 – NORMALLY CLOSED (MANUAL RESET)

A

TYPE OF MOUNTING

NO LETTER – STANDARD MOUNTING

A – BRASS ROUND STUD MOUNTING - M4

B – BRASS HEX STUD MOUNTING - M6

C – BRASS HEX STUD MOUNTING - M5

D – BRASS HEX STUD MOUNTING - M4

E – ROUND HEX STUD MOUNTING - M5

F – SPOTWELD CAP

80

OPERATING TEMPERATURE

80-80°C

Z

ANGLE OF TERMINALS

X – 90°, Y – 45°, Z – 180°

ELMECH INDUSTRIES

32, Madhuban Industrial Estate, Mahakali Caves Road, Andheri (East), Mumbai – 400 093.

Phone: 91-22-35230899 • Mobile: 91-8850513715 • E-mail : info@elmi.in • website : www.elmi.in