

MAXIMUM DEMAND INDICATOR



3-LICET

The 3 Phase Load Indicator Cabinet type 3-LICET is used to monitor the maximum demand per phase on distribution circuits. The device consists of 3 maximum demand ammeters (1 per phase) each with a split-core current transformer connected via 3 metre leads, all housed in a sturdy GRP box.

Three ranges are available as follows:

Current range 20 to 120 Amps. A Current Transformer of 100/5 A is used with a corresponding MDI (Maximum Demand Indicator) scaled 0 - 120 A.

Current range 40 to 240 Amps. A Current Transformer of 200/5 A is used with a corresponding MDI (Maximum Demand Indicator) scaled 0 - 240 A.

Current range 80 to 480 Amps. A Current Transformer of 400/5 A is used with a corresponding MDI (Maximum Demand Indicator) scaled 0 - 480 A.

The 3-LICET is suitable for pole mounting and comes complete with a fixing strap. The current transformers have a split core and can be fitted around each phase cable quickly and easily. This design makes it possible to install the 3-LICET on Low Voltage Systems while working live and without interruption to the consumer. When installed in a live situation ensure that your company procedures for Live Low Voltage Working are followed. The need for tools is eliminated as the transformers are joined by thumbscrews.



INSTRUMENTS

The 'CL3' Maximum Demand Indicating Instrument comprises of a resistive temperature heating element and two bi-metallic coils, one for ambient temperature compensation and the other for actuation of the master and slave pointers. The master pointer, coloured black, will indicate load at any instant, continuously averaged over the preceding period equal to the time lag. The slave pointer, coloured orange, is driven by the moving pointer and will remain at its maximum reading where it is held by a friction device until manually reset by an external knob on the front of the instrument. The instruments comply with standard ESI 50-2.

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