

LEM-6 Interface Unit

1 to 6 phase LEM CT interface

All in one:

Isolated CT power supplies

Simplified connection

Multiple range selector

Optimised accuracy

Status monitor



LEM-6 INTERFACE

A dedicated solution to multi phase high current applications

1 to 6 Channels supporting CT's up to 2000A DC+AC

Wide Bandwidth: DC to 2MHz

4x Ranges : enhancing transducer sensitivity

Isolated Channels : Reducing cross channel coupling

High Quality DC Supplies : Ensuring measurement stability

19in Rack mountable

Simple connection to Power Analyzer



| LEM-6 Interface | | |
|-------------------------------|--|----------------|
| Compatible Transducers | IT60-S | IT1000-S |
| | IT65-S | ITN600-S |
| | IT200-S | ITN900-S |
| | IT205-S | ITN1000-S |
| | IT400-S | LF510-S |
| | IT405-S | LF1010-S |
| | IT605-S | LF2010-S |
| | IT700-S | LF510/1010 PSU |
| | Output Voltage @ BNC connector | +/- 3Vpk |
| Output Current @ 4mm Terminal | +/- 1Apk | |
| No of ranges | 4 | |
| Ranges | 1Ω, 2.5Ω, 5Ω, 10Ω | |
| Number of Phases | 1 - 6 | |
| Accuracy | 0.1% (0.04% once system calibrated) | |
| Bandwidth | DC~2MHz (Depending upon Transducer) | |
| Mechanical/Environmental | | |
| Warranty | 3 Years | |



- CT current breakout for direct current measurement or calibration
- Single cable connection to LEM
- Single cable connection to PPA



All specifications at 23°C ± 5°C . These specifications are quoted in good faith but Newtons4th Ltd reserves the right to amend any specification at any time without notice

Newtons4th

Newtons4th Ltd (abbreviated to N4L) was established in 1997 to design, manufacture and support innovative electronic equipment to a worldwide market, specialising in sophisticated test equipment particularly related to phase measurement. The company was founded on the principle of using the latest technology and sophisticated analysis techniques in order to provide our customers with accurate, easy to use instruments at a lower price than has been traditionally associated with these types of measurements.

Flexibility in our products and an attitude to providing the solutions that our customers really want has allowed us to develop many innovative functions in our ever increasing product range



Contact your local N4L Distributor for further details

Distributed By :

Newtons4th Ltd
 1 Bede Island Road
 Leicester
 LE2 7EA
 UK
 Phone: +44 (0)116 230 1066
 Fax: +44 (0)116 230 1061
 Email: sales@newtons4th.com
 Web: www.newtons4th.com