

# LEM-6 Interface Unit

3 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

3 to 6 Channels supporting CT's up to 495Arms (700Apk)

Wide Bandwidth

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	IT600-S
	IT65-S	ITN600-S
	IN100-S	IT605-S
	IT200-S	IT700-S
	IN200-S	LF510-S
	IT205-S	LF1010-S
	IT400-S	LF2010-S
	IN400-S	LF510/1010 PSU
	IT405-S	
Output Voltage @ BNC connector	+/- 3Vpk	
Output Current @ 4mm Terminal	+/- 1Apk	
No of ranges	4	
Ranges	1Ω, 2.5Ω, 5Ω, 10Ω	
Number of Phases	3 - 6	
Accuracy	0.1% (0.04% once system calibrated)	
Mechanical/Environmental		
Warranty	3 Years	
Dimensions [mm]	2U High (540 D x 450 W x 90 H approx)	
Weight	6.5kg	
Input Power supply	1 Phase 100 ~ 240Vrms, 50~60Hz, 6~3A (720VA max.)	
Operating Temperature	0 to 40 °C	
Storage Temperature	-10 °C to + 70 °C	



CT current breakout  
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



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