

**MH**  
*blue*



... .. simplicity is blue



# Energy Meter

**MEM34L**

# Electronic Energy Meter (kWh)

## MEM34L Series

### Electrical characteristics

Operating characteristics	System	Designed for 1P / 3P3W / 3P4W networks
	Voltage input	50 – 500V AC (L-L)
	Current input	5A or 1A AC
	Starting current	0.2% of rated current
	Operating frequency	45 – 65Hz
	Operating power factor	0.5 lag – Unity – 0.8 lead
	Burden	0.2 VA per phase
Type of measurement		True RMS

### Mechanical characteristics

Weight	400g (approx.)
IP degree of protection	Front: IP 51; Back: IP 40
Dimensions	Front: 96 x 96 mm (bezel size); Depth: 80mm Panel cut-out: 92 x 92 mm

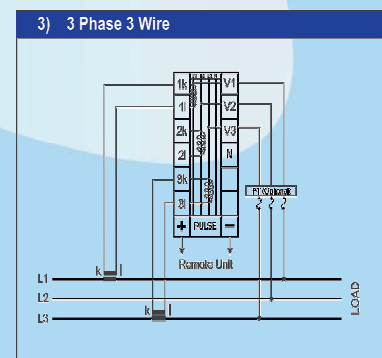
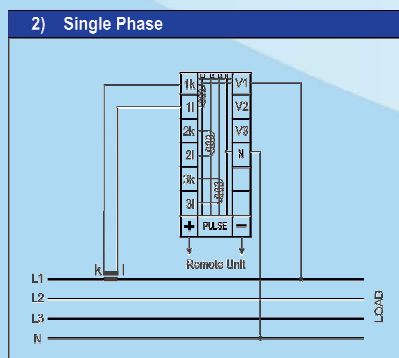
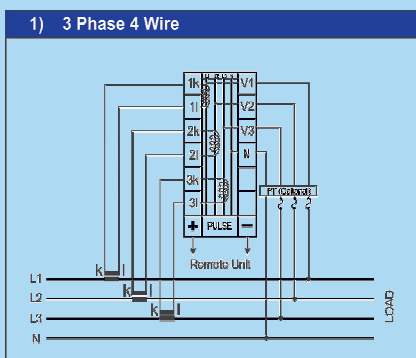
### Environment conditions

Operating temperature	0 to 55°C
Storage temperature	- 10°C to 70°C
Humidity	Up to 95% RH

### Features

Class 1 accuracy as per IEC 61036 (0.5 optional)	8-digits LCD display type
Self-powered auxiliary supply	Individual phase reversal & phase indication
CT ratio programmable via DIP switch (5A – 5000A)	Optically isolated open collector pulse output available for PLC, SCADA, DCS

### Connection diagram



Authorized Dealer: