

# CURRENT TRANSFORMERS

Rayleigh Instruments provide an extensive range of energy monitoring products including current transformers, kilowatt hour (kWh) meters, multifunction power monitors, measuring transducers, data loggers, communication interfaces and software. Their instrumentation products include analogue and digital square DIN switchboard instruments.

## CURRENT TRANSFORMER BLOCKS - SINGLE PHASE



Typical Image

<b>RI-CT060-125A</b>	Single Phase Molded Case Current Transformer - 24mm Cable or 30x10mm busbar - 125 Amps	<b>\$46.58</b>
<b>RI-CT060-200A</b>	Single Phase Molded Case Current Transformer - 24mm Cable or 30x10mm busbar - 200 Amps	<b>\$83.44</b>
<b>RI-CT060-250A</b>	Single Phase Molded Case Current Transformer - 24mm Cable or 30x10mm busbar - 250 Amps	<b>\$83.44</b>
<b>RI-CT060-400A</b>	Single Phase Molded Case Current Transformer - 24mm Cable or 30x10mm busbar - 400 Amps	<b>\$84.62</b>
<b>RI-CT060-500A</b>	Single Phase Molded Case Current Transformer - 24mm Cable or 30x10mm busbar - 500 Amps	<b>\$84.62</b>
<b>RI-CT080-500A</b>	Single Phase Molded Case Current Transformer - 40mm Cable or 50x10mm busbar - 500 Amps	<b>\$101.26</b>
<b>RI-CT080-800A</b>	Single Phase Molded Case Current Transformer - 40mm Cable or 50x10mm busbar - 800 Amps	<b>\$101.26</b>
<b>RI-CT080-1000A</b>	Single Phase Molded Case Current Transformer - 40mm Cable or 50x10mm busbar - 1000 Amps	<b>\$101.26</b>
<b>RI-CT080-1250A</b>	Single Phase Molded Case Current Transformer - 40mm Cable or 50x10mm busbar - 1250 Amps	<b>\$101.26</b>
<b>RI-CT110-1000A</b>	Single Phase Molded Case Current Transformer - 60mm Cable or 60x30mm busbar - 1000 Amps	<b>\$160.90</b>
<b>RI-CT110-1250A</b>	Single Phase Molded Case Current Transformer - 60mm Cable or 60x30mm busbar - 1250 Amps	<b>\$172.90</b>
<b>RI-CT110-1600A</b>	Single Phase Molded Case Current Transformer - 60mm Cable or 60x30mm busbar - 1600 Amps	<b>\$187.48</b>
<b>RI-CT110-2000A</b>	Single Phase Molded Case Current Transformer - 60mm Cable or 60x30mm busbar - 2000 Amps	<b>\$234.67</b>
<b>RI-CT120-1600</b>	Single Phase Moulded Case Current Transformer - 65 x 32mm - 1600 Amps	<b>\$112.86</b>

# CURRENT TRANSFORMERS

## CURRENT TRANSFORMER BLOCKS - 3 PHASE



Typical Image

RI-CT240-60	3 Phase Current Transformer Block - 25mm Hole Centres - 60:5 Amp	\$100.04
RI-CT240-100	3 Phase Current Transformer Block - 25mm Hole Centres - 100:5 Amp	\$100.04
RI-CT240-125	3 Phase Current Transformer Block - 25mm Hole Centres - 125:5 Amp	\$100.04
RI-CT240-160	3 Phase Current Transformer Block - 25mm Hole Centres - 160:5 Amp	\$100.04
RI-CT242-100	3 Phase Current Transformer Block - 35mm Hole Centres - 100:5 Amp	\$104.15
RI-CT242-160	3 Phase Current Transformer Block - 35mm Hole Centres - 160:5 Amp	\$104.15
RI-CT242-200	3 Phase Current Transformer Block - 35mm Hole Centres - 200:5 Amp	\$104.15
RI-CT242-250	3 Phase Current Transformer Block - 35mm Hole Centres - 250:5 Amp	\$104.15
RI-CT248-250	3 Phase Current Transformer Block - 45mm Hole Centres - 250:5 Amp	\$104.15
RI-CT248-300	3 Phase Current Transformer Block - 45mm Hole Centres - 300:5 Amp	\$104.15
RI-CT248-400	3 Phase Current Transformer Block - 45mm Hole Centres - 400:5 Amp	\$104.15
RI-CT248-630	3 Phase Current Transformer Block - 45mm Hole Centres - 630:5 Amp	\$104.15
RI-CT250-630	3 Phase Current Transformer Block - 70mm Hole Centres - 630:5 Amp	\$220.45
RI-CT250-800	3 Phase Current Transformer Block - 70mm Hole Centres - 800:5 Amp	\$220.45
RI-CT250-1000	3 Phase Current Transformer Block - 70mm Hole Centres - 1000:5 Amp	\$144.72
RI-CT250-1250	3 Phase Current Transformer Block - 70mm Hole Centres - 1250:5 Amp	\$144.72
RI-CT250-1600	3 Phase Current Transformer Block - 70mm Hole Centres - 1600:5 Amp	\$144.72

## CURRENT TRANSFORMER BLOCKS - SPLIT CORE



Typical Image

RI-CTS024-G-100/5	Split Core Current Transformer - 24mm Hole - 100:5 Amp	\$128.17
RI-CTS024-G-160/5	Split Core Current Transformer - 24mm Hole - 160:5 Amp	\$128.17
RI-CTS024-G-250/5	Split Core Current Transformer - 24mm Hole - 250:5 Amp	\$128.17
RI-CTS036-G-400/5	Split Core Current Transformer - 36mm Hole - 400:5 Amp	\$135.97
RI-CTS036-G-600/5	Split Core Current Transformer - 36mm Hole - 600:5 Amp	\$135.97



# EASYWIRE® SYSTEM

The Rayleigh Easywire® system is a unique concept that dramatically reduces the wiring/installation time of multifunction power meters and current transformers. These savings are made possible due to the innovative design of both the current transformers and the meters, which allow plug-in connectors to be used for both current and voltage input/output. An RJ45 lead is used for connecting between the three phase current transformer and meter, and 'readymade' plug-in leads are used for the voltage input. The meters are provided with both input and output voltage connections which allow up to 32 meters to be daisy-chained to a common supply voltage via the first meter.

## EASYWIRE CURRENT TRANSFORMERS - 3 PHASE



Typical Image

<b>RI-CT240-EW-100</b>	Easywire 3 Phase Current Transformer - 25mm Hole Centers - 100 Amp	<b>\$112.04</b>
<b>RI-CT240-EW-60</b>	Easywire 3 Phase Current Transformer - 25mm Hole Centers - 60 Amp	<b>\$112.04</b>
<b>RI-CT242-EW-125</b>	Easywire 3 Phase Current Transformer - 35mm Hole Centers - 125 Amp	<b>\$118.99</b>
<b>RI-CT242-EW-250</b>	Easywire 3 Phase Current Transformer - 35mm Hole Centers - 250 Amp	<b>\$118.99</b>
<b>RI-CT242-EW-60</b>	Easywire 3 Phase Current Transformer - 35mm Hole Centers - 60 Amp	<b>\$118.99</b>
<b>RI-CT248-EW-400</b>	Easywire 3 Phase Current Transformer - 45mm Hole Centers - 400 Amp	<b>\$128.89</b>
<b>RI-CT248-EW-630</b>	Easywire 3 Phase Current Transformer - 45mm Hole Centers - 630 Amp	<b>\$128.89</b>
<b>RI-CT250-EW-1600</b>	Easywire 3 Phase Current Transformer - 70mm Hole Centers - 1600 Amp	<b>\$246.89</b>
<b>RI-CT250-EW-800</b>	Easywire 3 Phase Current Transformer - 70mm Hole Centers - 800 Amp	<b>\$246.89</b>

## EASYWIRE ENERGY METERS



Typical Image

<b>RI-D440-G-C</b>	Easywire Multifunction DIN Rail Energy Meter suitable for Single Load	<b>\$720.63</b>
<b>RI-D460-G-C</b>	Easywire Multifunction DIN Rail Energy Meter suitable for Double Loads	<b>\$870.66</b>
<b>RI-D480-G-C</b>	Easywire Multifunction DIN Rail Energy Meter suitable for Quad Loads	<b>\$962.08</b>

# EASYWIRE® SYSTEM

## EASYWIRE SYSTEM ACCESSORIES

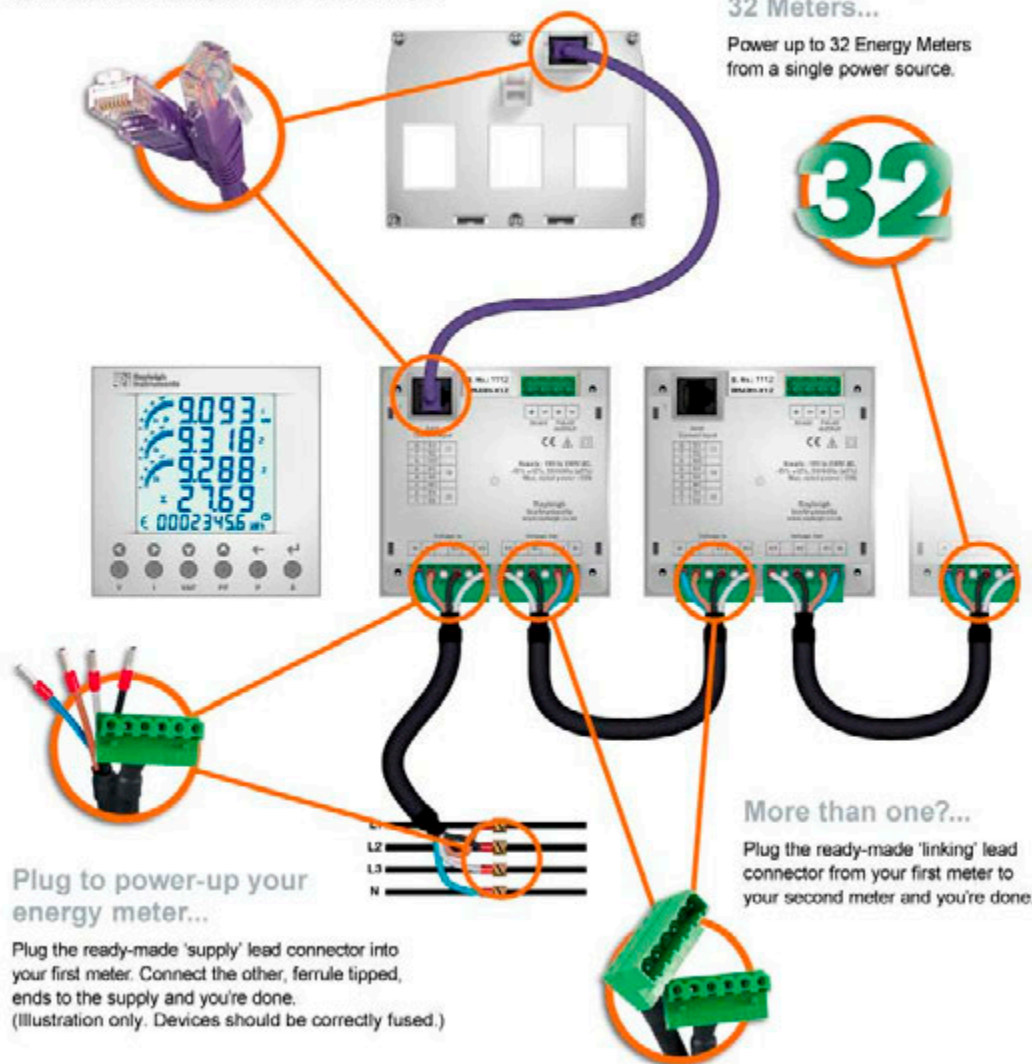
BV9522	Easywire Female Meter Plug	\$7.98
BV9523	Easywire Male Meter Plug	\$7.98
TAS-F-MTMSC0.15	Easywire Meter to Meter Supply Cable - 0.15 meter	\$131.10
TAS-F-MTMSC0.30	Easywire Meter to Meter Supply Cable - 0.3 meter	\$139.99
TAS-F-MTMSC0.5	Easywire Meter to Meter Supply Cable - 0.5 meter	\$149.48
TAS-F-MTMSC1.0	Easywire Meter to Meter Supply Cable - 1.0 meter	\$167.49
TAS-F-MVSC1.50	Easywire Meter Voltage Connection Cable - 1.5 meters	\$39.11
TAS-F-MVSC3.0	Easywire Meter Voltage Connection Cable - 3.0 meters	\$43.09
TAS-RJ45CC1.0	Easywire RJ45 Connection Cable - 1 meter	\$8.45
TAS-RJ45CC3.0	Easywire RJ45 Connection Cable - 3 meter	\$12.66

### Connect your current transformer...

Plug one end of the RJ45 lead into the multifunction power meter and the other end into the three-phase current transformer and you're done - it's that simple.

### Daisy-chain up to 32 Meters...

Power up to 32 Energy Meters from a single power source.



### Plug to power-up your energy meter...

Plug the ready-made 'supply' lead connector into your first meter. Connect the other, ferrule tipped, ends to the supply and you're done. (Illustration only. Devices should be correctly fused.)

### More than one?...



Plug the ready-made 'linking' lead connector from your first meter to your second meter and you're done.

# ENERGY METERS & POWER ANALYSERS



Multifunction Energy Meters for single phase and three phase MID and non MID energy monitoring applications - direct connection or current transformer operated with a range of communication protocols including pulse, Modbus and Mbus. DIN rail mounting, panel mounting models available.

kWh Energy Meters for single phase and three phase MID and non MID energy monitoring applications - direct connection or current transformer operated with a range of communication protocols including pulse, Modbus RS485 RTU and Mbus.

## ENERGY METERS & POWER ANALYSERS

	RI-70-100P	3 Phase Multifunction Energy Meter with High Definition LCD Display - 100 Amp Direct Connection - with Pulse Output	\$262.33
	RI-D18-100-C	Single Phase Multifunction Energy Meter with High Definition LCD Scrolling Display - 100 Amp Direct Connection with RS485 Modbus Communication - 1 module wide	\$164.25
	RI-D70-C	3 Phase Multifunction Energy Meter with High Definition LCD Display - 100 Amp Direct Connection - with Pulse Output and RJ485 Modbus Communication	\$397.17
	RI-D240-G-C	3 Phase Multifunction Energy Meter with High Definition LCD Display - 5 Amp CT Connection with Modbus Output	\$391.01
	RI-F220-G-C	Multifunction Energy Meter with LCD Display - 5 Amp Input - with RS485 Modbus & Pulse Output - Displays Energy, Voltage, Current, Power, Power Factor, Frequency & Harmonic Distortion	\$288.27
	RI-F500	Multifunction Power Analyser with High Definition LCD Display - 5 Amp Input - Mono Screen - with RS485 Modbus, Pulse Output, 2 Digital Inputs, 2 x Relay Outputs - Expandable with up to 4 Plug in Modules	\$633.20
	RI-F550	Multifunction Power Analyser with High Definition LCD Display - 5 Amp Input - Colour Screen - with RS485 Modbus, Pulse Output, 2 Digital Inputs, 2 x Relay Outputs - Expandable with up to 4 Plug in Modules	\$746.82

## MODULES

	RI-A5IPBAC	RI-F500 Series Power Analyser BACnet TCP/IP Module	\$258.70
	ANRB1	Sequence Meter for Symmetric 3 Phase Network	\$306.53