

RANGE REVIEW

HOBUT

CURRENT TRANSFORMERS

PANEL METERS

KILOWATT HOUR METERS

MULTI-FUNCTION METERS

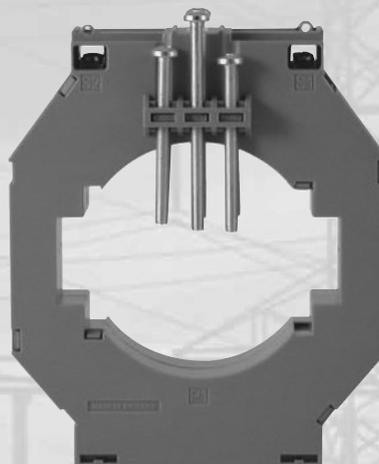
EARTH LEAKAGE RELAYS

PROTECTION RELAYS

TRANSDUCERS

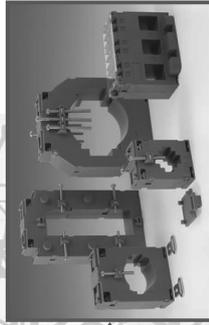
SELECTOR SWITCHES

SHUNTS



**Manufacturers of Electrical
Measurement and Control Products**

THE PRODUCTS



MOULDED CASE CURRENT TRANSFORMERS

A range of standard busbar sizes & wound, primary low voltage current transformers manufactured in a small case size making the products amongst the smallest available in the market. Fan-CT features sealable terminal covers, and a range of accuracies including class3, class1, class0.5, class 0.5S class 0.2, class0.2S. Available to suit a range of busbars, from 20mm busbar up to 125mm, with din rail moulding and foot mounting available.

SPLIT CORE CURRENT TRANSFORMERS

Low voltage current transformers for cable and busbar mounting. The growing global market for monitoring energy makes these products ideal for retrofitting into existing networks and they are widely connected to energy & power meters. Miniature moulded case and multi-ratio resin cast versions are available in a range of primary currents up to 5000A.



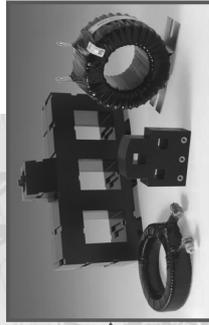
RESIN CAST CURRENT TRANSFORMERS

Resin Cast CTs can be manufactured in any rectangular size depending on the project. Used widely in Class X and protection applications our engineers will design products specifically for projects and produce drawings in advance for customer approval. Our flexible tooling means we can quickly produce to almost any size and specification without any need for new tooling.



CUSTOM MADE CURRENT TRANSFORMERS

Ring Type, Resin Cast or Moulded Case for large volume on an OEM basis, or small volume for project only basis. Our team of design engineers meet with clients to design products according to their requirements. This has led to a significant amount of our production being devoted to customer-specific designs. We design injection mouldings and create tooling for individual customers and brand accordingly.



Full product information at www.CurrentTransformers.co.uk

THE PRODUCTS



DIN PANEL METERS

DIN panel Meters in 48x48, 73x72 or 96x96mm sizes with 90 degree or 240 degree movements and scales. Available with Moving Iron or Moving Coil movements for AC or DC applications to measure amps, volts, frequency, watts, power etc. Maximum Demand Indicators and Combined Maximum Demand meters are also available.



KILOWATT HOUR METERS

KWh meters available in DIN panel mounting or DIN Rail mounting versions. 1A or 5A current transformer operated with options including analogue outputs, pulsed outputs, etc.



MULTIFUNCTION METERS

LED and LCD Multifunction meters available with 1A, 5A, or 333mV inputs. Plug in modules are available for pulsed output and RS485 output. Capable of measuring a wide range of electrical parameters. Special models can also be manufactured for measuring DC parameters. Modbus and Bactnet protocol are available.



DIGITAL PANEL METERS

Digital Panel Meters with standard 96x48mm bezels and 3.5digit LED display. Standard product range includes volts, amps, frequency in both AC and DC ranges. When combined with a HOBUT Transducer, parameters such as KW and KVar can also be measured.



ANALOGUE PANEL METERS

Traditional panel meters with upright scales. Rectangular, square and circular types are available in AC, DC or rectified AC measurements. Meters for square or circular cut-outs with class accuracies to suit the application.

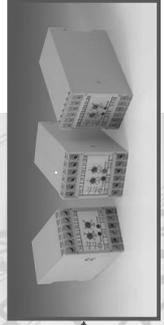
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THE PRODUCTS



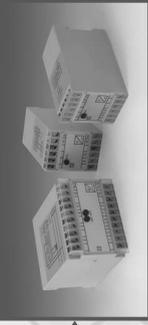
EARTH LEAKAGE RELAYS & CORE BALANCE CTs

A range of variable and fixed earth leakage relays in compact 35mm width din rail mounting cases. There is a dedicated range of core balance CTs from: 35mm, 50mm, 70mm, 120mm, 210mm, and large rectangular sizes. We also design and brand core balance current transformers for other earth leakage relay manufacturers.



PROTECTION RELAYS

Din Rail mounting protection relays for use in single and three phase systems. Over protection, under protection and combined under/over protection available in AC current, AC voltage and frequency versions. Millivolt trip, DC voltage trip, reverse power, phase sequence, phase balance and others are available.



TRANSDUCERS

DIN Rail mounting measuring transducers to convert various inputs into standard DC signals, suitable for driving meters and control equipment. AC current, AC voltage, frequency, reactive power, DC voltage and many more types available.



SELECTOR SWITCHES

7 position voltmeter selector switches and 4 position ammeter switches for switching between phase currents and phase voltages.



SHUNTS

Shunts for DC applications to drive panel meters and for use in control devices as overload protection. Brass ended, plate or wire types with 300mA - 8000A input and 50mw-300mV output available.

Full product information at www.hobut.co.uk

THE COMPANY

Howard Butler Ltd has been manufacturing in UK for 100 years and is the largest manufacturer of its kind in UK employing over 100 people, and exporting globally.

We manufacture more than 35,000 Current Transformers, and 20,000 panel meters and related products every month, and supply a wide range of markets including electrical distribution, utilities, panel builders, building management, power generation and many more.

● Design/Engineering

We have a team of specialist engineers who are regularly adding new products to the range, mostly designed to IEC, BS or DIN specifications. Our continuous improvement program ensures established products are always updated.

● Production

Our factories are equipped with the latest production and test facilities. Comprehensive component stocks are held to enable fast deliveries of standard and special products.

● Quality

HOBUT products are manufactured to stringent Quality Control techniques and the company is approved to ISO 9001 certification.

● Service

Our aim is to offer customer satisfaction and our fully computerised sales and manufacturing system ensures close control of all orders and enquiries.

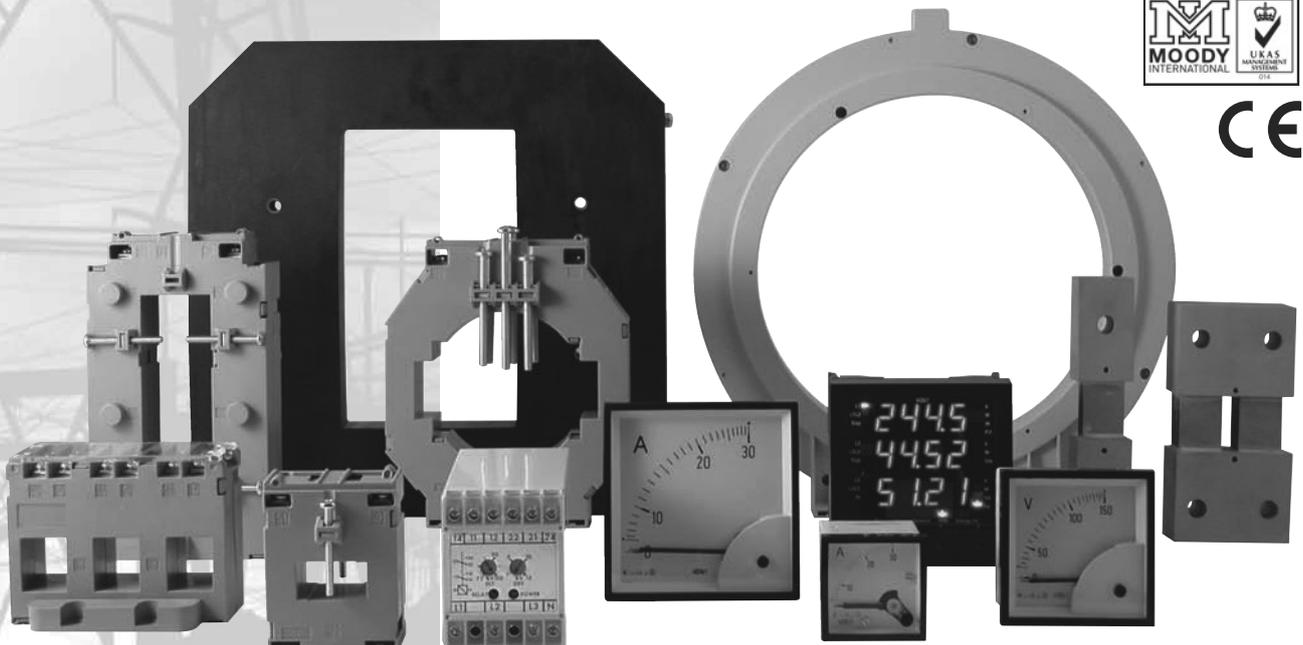
● Special Products

In addition to our standard range, we work with many customers to design products to their specific requirements.

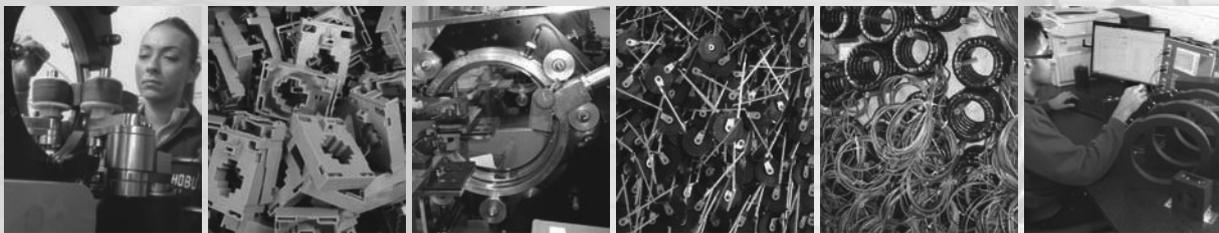
● World Wide Web

Full product specifications, dimensional drawings and wiring diagrams can be seen on our web site. Our site is constantly updated with new product information.

HOBUT



HOBUT



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100 YEARS MANUFACTURING SUCCESS IN THE UK