ELECTREX
the energy saving technology

LOW ENERGY CONSUMPTION

CTS DC HALL SPLIT CORE CURRENT TRANSDUCER MINI SERIES

Split current transformers for the measurement of DC loads

The split current transformers **CTS DC Hall Split Core Current Transducer Mini Series** for the measurement of AC loads, can be used with the Electrex instruments of the DC Hall series paired with DC Channel Split Core Current Converter. Equipped with a snap-on, screwless mounting system. The ideal solution for an easy and time saving installation of the Electrex instruments of the DC Hall series in situations where it is not possible to disconnect the power supply.

- Product range from 50 to 500A (other versions available)
- Accuracy class 1%
- Snap-on, screwless mounting system
- Reduced size and low costs of installation
- Comply with EN61010-1, IEC 60044-1
- Insulated current measurement

Technical Specifications CTS DC 10-50

Nominal current 50A
Internal hole diameter..... 10 mm
Saturation current 75A
Nominal output voltage..... ±4V
Power supply voltage..... ±15V 25mA
Insulation voltage ..... AC 1500V/1 minute
.....(between the output terminal and the shell)
Insulation resistance ..... max 500MΩ at DC 500V
Linearity ..... ±1.0% In
External dimensions of the shell.....
..... width 24 mm, height 41 mm, depth 27 mm
Cable length ..... 30 cm
Working temperature ..... -15/+65 °C

Technical Specifications CTS DC 16-100

Nominal current 100A
Internal hole diameter..... 16 mm
Saturation current 150A
Nominal output voltage..... ±4V
Power supply voltage..... ±15V 25mA
Insulation voltage ..... AC 1500V/1 minute
.....(between the output terminal and the shell)
Insulation resistance ..... max 500MΩ at DC 500V
Linearity ..... ±1.0% In
External dimensions of the shell.....
..... width 30 mm, height 45 mm, depth 32 mm
Cable length ..... 30 cm
Working temperature ..... -15/+65 °C

Technical Specifications CTS DC 24-250

Nominal current 250A
Internal hole diameter..... 24 mm
Saturation current 625A
Nominal output voltage..... ±4V
Power supply voltage..... ±15V 25mA
Insulation voltage ..... AC 1500V/1 minute
.....(between the output terminal and the shell)
Insulation resistance ..... max 500MΩ at DC 500V
Linearity ..... ±1.0% In
External dimensions of the shell.....
..... width 45 mm, height 65 mm, depth 34 mm
Cable length ..... 30 cm
Working temperature ..... -15/+65 °C

Technical Specifications CTS DC 36-500

Nominal current 500A
Internal hole diameter..... 36 mm
Saturation current 750A
Nominal output voltage..... ±4V
Power supply voltage..... ±15V 25mA
Insulation voltage ..... AC 1500V/1 minute
.....(between the output terminal and the shell)
Insulation resistance ..... max 500MΩ at DC 500V
Linearity ..... ±1.0% In
External dimensions of the shell.....
..... width 57 mm, height 82 mm, depth 40 mm
Cable length ..... 30 cm
Working temperature ..... -15/+65 °C

How to order

Type	Code
CTS DC HALL 10-50 SPLIT CORE CURRENT TRANSDUCER MINI SERIES	PFC0500
CTS DC HALL 16-100 SPLIT CORE CURRENT TRANSDUCER MINI SERIES	PFC0501
CTS DC HALL 24-250 SPLIT CORE CURRENT TRANSDUCER MINI SERIES	PFC0502
CTS DC HALL 36-500 SPLIT CORE CURRENT TRANSDUCER MINI SERIES	PFC0503

Subject to modification without prior notice
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Distributor

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