

## Clip-on CT's

Electronically compensated clip-on CT's up to 100 A



The electronically compensated clip-on CT's has been designed for the measurements of currents in the range of 10 mA up to 100 A. Their small size makes them particularly handy when working in cramped spaces such as meter installations or circuit breaker boards.

### Application

The clip-on CT's are suitable for following devices:

#### Portable Reference Standards:

PRS 400.3 / CALPORT 300

#### Portable Standard Meters:

CheckMeter 2.3 / CheckMeter 2.1 / PSM 2.1

#### Portable Test Systems:

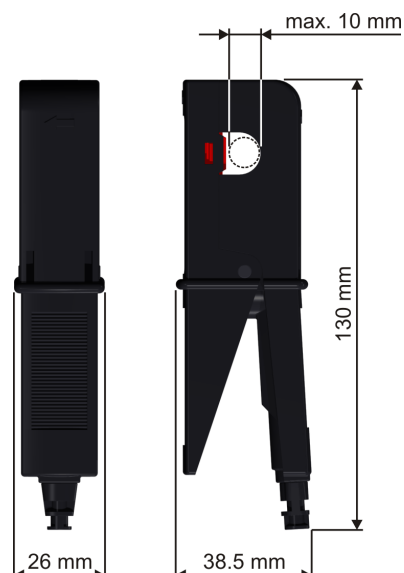
PTS 2.1 / PTS 2.3 C / PTS 3.1 / PTS 3.3 C / PTS 400.3


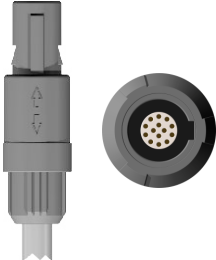

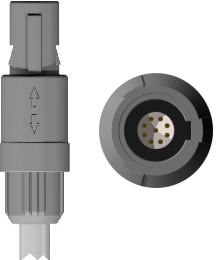
#### Portable Instrument Transformer Tester:


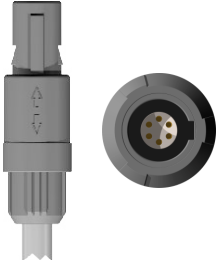

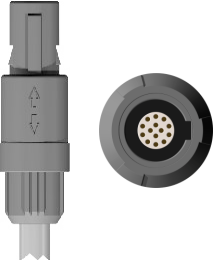

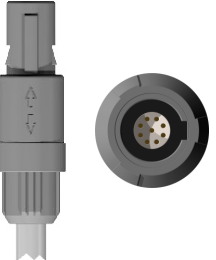
PTT 2.1

### Technical data

- Cable length: 2.5 m
- Weight: approx. 580 g
- Dimensions:



Three phase clamp-on CT's	Error compensation and adaptation boxes	Connector type of dedicated Redel plus	Components of the clamp-on CT's
<p>For currents up to 100 A</p>  <p>H25 Y30 000 010 003</p>	<p>Electronic error compensation in the instrument</p>	<p>14 poles, single row keying system</p> 	<p>PTS 2.3 C</p> <p>PTS 3.3 C</p> <p>CALPORT 300</p> <p>PRS 400.3</p>
<p>For currents up to 100 A</p>  <p>H1H 200 CM1 00A CT3</p>	<p>Resistance compensated</p>	<p>9 poles, single row keying system</p> 	<p>CheckMeter 2.3</p>

Single phase clamp-on CT	Error compensation and adaptation boxes	Connector type of dedicated Redel plus	CheckMeter 2.1	PSM 2.1	PTS 3.1 C	PTS 2.1 C	PTT 2.1	Components of the clamp-on CT
<p>For currents up to 100 A</p>  <p>H25 Y30 000 818 201</p>	<p>Electronic error compensation in the instrument</p>	<p>6 poles, single row keying system</p> 	<p>●</p>					
<p>For currents up to 100 A</p>  <p>H25 Y30 000 817 101</p>	<p>Electronic error compensation in the instrument</p>	<p>14 poles, single row keying system</p> 			<p>●</p>	<p>●</p>		
<p>For currents up to 100 A</p>  <p>H1H 200 CM1 00A CT1</p>	<p>Resistance compensated</p>	<p>9 poles, single row keying system</p> 	<p>●</p>					

● The clip-on CT's are adjusted with the instrument and cannot be exchanged

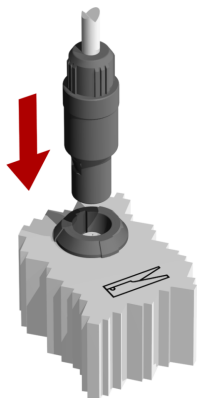


## Precautions for use of electronically compensated clamp-on CT's



### Connecting

### Disconnecting



#### Step 1

Connect the electronically compensated clamp-on CT's to the instrument.



#### Step 1

Disconnect the electronically compensated clamp-on CT's from the test circuitry.



#### Step 2

Connect the supply of the instrument with the auxiliary or measuring voltage and start up the instrument.



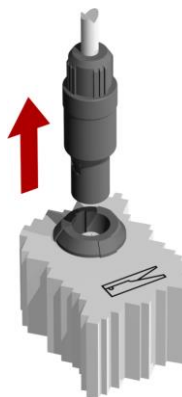
#### Step 2

Switch off the instrument and disconnect them from the auxiliary or measuring voltage.



#### Step 3

Connect the electronically compensated clamp-on CT's to the test circuitry.



#### Step 3

Disconnect the electronically compensated clamp-on CT's from the instrument.

**Never take away the power supply of the instrument or unplug the CT-connector, during the clip-on CT's are connected to cables with current flowing.**



**If these precautions are not followed, the instrument can be damaged**

