

# ECT CT

## Current transformers for the Femto D4 ECT, Atto D4 ECT, Femto ECT net, Libra ECT and Lyra ECT series

External current transformers, closed or split type, compliant with the Femto D4 ECT, Atto D4 ECT, Femto ECT net, Libra ECT e Lyra ECT series. The high accuracy, even at low currents / powers, makes possible to be used also for the management of the Power Quality.



### Technical Specifications PFAE000-01

**ECT TA 100A 13mm:** external current transformer to be used exclusively with the ECT Electrex series: Femto D4 ECT, Atto D4 ECT, Femto ECT net, Libra ECT and Lyra ECT. Plastic shell. Internal window diameter: 13 mm.

Nominal current ..... **100A**  
Internal window diameter ..... 13 mm  
Accuracy ..... 0,5%  
Frequency ..... 50 - 60 Hz  
Turns ratio ..... 1000  
Case / shield ..... plastic  
Lunghezza del filo bianco/nero in dotazione ..... 500 mm  
External diameter 37 mm, height 13,5 mm

### Technical Specifications PFAE000-08

**ECT TA 200A 19mm:** external current transformer to be used exclusively with the ECT Electrex series: Femto D4 ECT, Atto D4 ECT, Femto ECT net, Libra ECT and Lyra ECT. Plastic shell. Internal window diameter: 19 mm.

Nominal current ..... **200A**  
Internal window diameter ..... 19 mm  
Accuracy ..... 0,5%  
Frequency ..... 50 - 60 Hz  
Turns ratio ..... 2000  
Case / shield ..... plastic  
Cable length ..... 260 mm  
External diameter 48 mm, height 19 mm

### Technical Specifications PFAE000-07

**ECT TA 400A 30mm:** external current transformer to be used exclusively with the ECT Electrex series: Femto D4 ECT, Atto D4 ECT, Femto ECT net, Libra ECT and Lyra ECT. Plastic shell. Internal window diameter: 30 mm.

Nominal current ..... **400A**  
Internal window diameter ..... 30 mm  
Accuracy ..... 0,5%  
Frequency ..... 50 - 60 Hz  
Turns ratio ..... 4000  
Case / shield ..... plastic  
Cable length ..... 260 mm  
External diameter 60 mm, height 20 mm

### Technical Specifications PFAE000-02

**ECT CTS 16-100A:** Split current transformer to be used exclusively with the ECT Electrex series: Femto D4 ECT, Atto D4 ECT, Femto ECT net, Libra ECT and Lyra ECT. Plastic shell. Equipped with a snap-on and screw-free closing system. Internal window diameter 16 mm. Protection on secondary circuit opening.

Nominal current ..... **100A**  
Internal window diameter ..... 16 mm  
Accuracy ..... 0,5%  
Frequency ..... 50 - 60 Hz  
Turns ratio ..... 1000  
Case / shield ..... plastic  
Width 30 mm, height 56 mm, depth 29 mm

### Technical Specifications PFAE000-03

**ECT CTS 17-200A:** Split current transformer to be used exclusively with the ECT Electrex series: Femto D4 ECT, Atto D4 ECT, Femto ECT net, Libra ECT and Lyra ECT. Plastic shell. Equipped with a snap-on and screw-free closing system. Internal window diameter 17 mm. Protection on secondary circuit opening. Cable length: 500mm.

Nominal current ..... **200A**  
Internal window diameter ..... 17 mm  
Accuracy ..... 0,5%  
Frequency ..... 50 - 60 Hz  
Turns ratio ..... 2000  
Case / shield ..... plastic  
Width 35 mm, height 65 mm, depth 33 mm

### Technical Specifications PFAE000-05

**ECT CTS 24-200A:** Split current transformer to be used exclusively with the ECT Electrex series: Femto D4 ECT, Atto D4 ECT, Femto ECT net, Libra ECT and Lyra ECT. Plastic shell. Equipped with a snap-on and screw-free closing system. Internal window diameter 24 mm. Protection on secondary circuit opening.

Nominal current ..... **200A**  
Internal window diameter ..... 24 mm  
Accuracy ..... 0,5%  
Frequency ..... 50 - 60 Hz  
Turns ratio ..... 2000  
Case / shield ..... plastic  
Width 44 mm, height 76 mm, depth 33 mm



### Technical Specifications PFAE000-06

**ECT CTS 23-300A:** Split current transformer to be used exclusively with the ECT Electrex series: Femto D4 ECT, Atto D4 ECT, Femto ECT net, Libra ECT and Lyra ECT. Plastic shell. Equipped with a snap-on and screw-free closing system. Internal window diameter 23 mm. Protection on secondary circuit opening.

Nominal current ..... **300A**  
 Internal window diameter ..... 23mm  
 Accuracy ..... 0,5%  
 Frequency..... 50 - 60 Hz  
 Turns ratio ..... 3000  
 Case / shield ..... plastic  
 Width 44 mm, height 76 mm, depth 32 mm

### Technical Specifications PFAE000-04

**ECT CTS 36-400A:** Split current transformer to be used exclusively with the ECT Electrex series: Femto D4 ECT, Atto D4 ECT, Femto ECT net, Libra ECT and Lyra ECT. Plastic shell. Equipped with a snap-on and screw-free closing system. Internal window diameter 35.9mm. Protection on secondary circuit opening.

Nominal current ..... **400A**  
 Internal window diameter ..... 36mm  
 Accuracy ..... 0,5%  
 Frequency..... 50 - 60 Hz  
 Turns ratio ..... 4000  
 Case / shield ..... plastic  
 Width 55 mm, height 92 mm, depth 38 mm



### Technical Specifications PCALM0-01

Short-Circuitable Terminal Box: with short-circuitable terminal box for ..1A, ..5A and ECT type CT. Enclosure size: 40x60x20 mm.

### How to order

| Type  | Code       |
|---|------------|
| ECT TA 100A 13MM POWER QUALITY CURRENT TRANSFORMER .....          | PFAE000-01 |
| ECT TA 200A 19MM POWER QUALITY CURRENT TRANSFORMER .....          | PFAE000-08 |
| ECT TA 400A 30MM POWER QUALITY CURRENT TRANSFORMER .....          | PFAE000-07 |
| ECT CTS 16-100 SPLIT CORE POWER QUALITY CURRENT TRANSFORMER ..... | PFAE000-02 |
| ECT CTS 17-200 SPLIT CORE POWER QUALITY CURRENT TRANSFORMER ..... | PFAE000-03 |
| ECT CTS 24-200 SPLIT CORE POWER QUALITY CURRENT TRANSFORMER ..... | PFAE000-05 |
| ECT CTS 23-300 SPLIT CORE POWER QUALITY CURRENT TRANSFORMER ..... | PFAE000-06 |
| ECT CTS 36-400 SPLIT CORE POWER QUALITY CURRENT TRANSFORMER ..... | PFAE000-04 |

SHORT-CIRCUITABLE TERMINAL BOX FOR CURRENT TRANSFORMER ECT AND ..1A, ..5A ..... PCALM0-01

Subject to modification without prior notice  
Data sheet ECT CT

2020 02 05-ENG

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| Distributor |
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