

eMS CT

Cable conversion current transformer for eMS home

The eMS CT is a set of three cable type current transformers for installing on the live conductors in private domestic installations. In conjunction with the eMS home energy and load management system, the three cable type current transformers indirectly measure the current energy consumption at the grid connection point up to 300 A. Based on this measurement, eMS home can then dynamically adjust the charging current and efficiently distribute it in individual and group installations with up to six eMH1 wallboxes. If using the eMS CT, there is no need to disconnect the wire. The cable type current transformers are wired to the eMS home via the integrated 0.5 m long cables.



General information

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|--------------------------------------|--|
| Model | Cable type current transformer for eMS home energy management system |
| Product number | EMSCT |
| EAN number | 4011721190532 |
| Commodity code | 85043129 |
| Packaging unit (PU) | 1 unit |
| Dimensions of packaging unit (H×W×D) | 265 × 205 × 120 mm |
| Net weight | 0.5 kg |
| Gross weight | 0.9 kg |
| Items supplied | 3 cable type current transformers up to 300 A, download information |

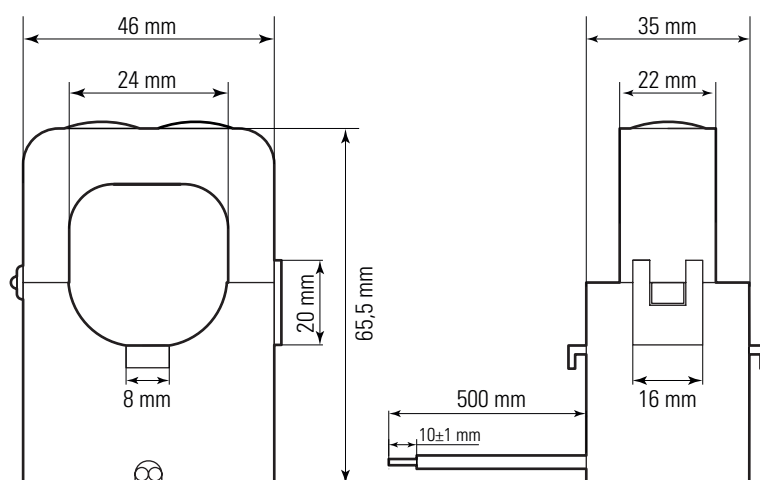
Compatibility

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| Compatible product ranges | eMS home |
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Cable type current converter specifications

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|---|--|
| IP rating | IP20 |
| Ambient temperature (operation) | -20 to 65°C |
| Ambient temperature (storage) | -25 to 80°C |
| Cable type current converter dimensions | 65.5 × 46 × 35 mm |
| Secondary output | UL R/C cable, 16 AWG (1.3 mm ²) |
| Cable diameter | 24 mm |
| Cable length | 0.5 m |
| Primary/secondary power | 300 / 5 A |
| Frequency | 50 / 60 Hz |
| Nominal insulation level | 0.72 kV ac, dielectric strength 3 kV ac for 1 minute |
| Insulation class | Thermal class B (IEC 60085) |
| Accuracy (EN61869-2) | Class 1 |
| Burden | 2.5 VA |

Dimensioned drawing



Subject to change: All performance characteristics, technical and other specifications are subject to change without prior notice.

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