

RCD - residual current device

[Main Page](#) > [TeltoCharge](#) > [Getting Started](#) > **RCD - residual current device**

Disclaimer

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In order to successfully use Teltocharge product, users electrical grid must include dedicated RCD Type B. RCD must be installed by experienced electrician, who installs it parallelly with the charger. Residual current device is not included into the package and have to be bought separately. If house grid already has it pre-installed, then additional is not required.

Legitimate options:

Installation option 1:

Residual current protection (RCBO) type B with tripping current 30 mA and with atleast 32 A overcurrent protection (it is recommended to use 40 A) according to at least one of the standards IEC 61009-1 or IEC 60947-2.

Installation option 2:

Residual current protection (RCCB or RCD) type B with tripping current 30 mA according to at least one of the standards IEC 61008-1 or IEC 61009-1 or IEC 60947-2 or IEC 62423. Additionally overcurrent protection (MCB) rated for atleast 32 A (it is recommended to use 40 A) should be installed and have to be in accordance to at least one of the following standards: IEC 60947-2, IEC 60947-6-2, IEC 61009-1, IEC 60898 series or IEC 60269 series.

Installation option 3:

RCD Type A and appropriate equipment that ensures the disconnection of the supply in case of DC fault current above 6 mA. DC disconnection equipment must meet IEC 62955 standard requirements.

Before buying, please consult with the company, which installs the product.