



Corrigendum to EN 50678:2020

English version

Replace the formula in 5.3, "Measurement of protective bonding resistance" with the following formula:

"For cross section areas above 1,5 mm² and other cable lengths the limit shall be calculated by the following formula:

$$R = \rho \frac{l}{A} + 0,1\Omega \text{ or } R = \frac{l}{\kappa A} + 0,1\Omega$$

where

- R is the electrical resistance (Ω);
- ρ is the standard value of electrical resistivity ($\Omega \text{ mm}^2/\text{m}$) for the metal used for the PE conductor;
- l is the length of the cable in meters (m);
- A is the cross-sectional area of the conductor in square millimetres (mm²);
- κ is the electrical conductivity (m/($\Omega \text{ mm}^2$)).

NOTE 2 The value of 0,1 Ω in the equation above considers the influence of the contact resistance."

Replace Figure 3e, "Example of protective conductor current — direct method with clamp" with the following figure:

"

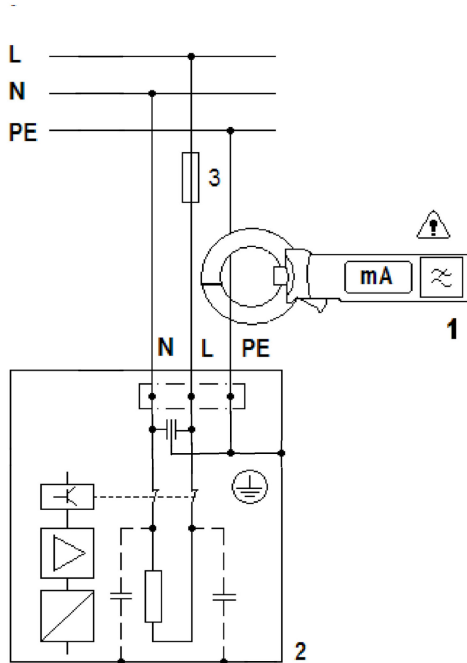


Figure 3e — Example of protective conductor current — direct method with clamp

"