



AMKASYN

VARIABLE SPEED DRIVES

Application Note No. AP 1996/50-1E

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External braking resistor ARxxxx PE connection between housing and terminal box

The protective connection between the terminal box and resistor housing is produced by "direct metallic contact" according to VDE 0160 (EN 50178) Chap. A.5.2.9.3. Problems with the oxidation of the aluminium surface of the terminal box are prevented by using Verbus-Rip screws.

The same applies analogously for the connection of the perforated plate cover. The connection screws must not be removed if the unit is used correctly and are also considered to be a reliable protective conductor connection.