

Concerning EMC emissions in the range of 9-150 kHz related to signals sent on the grid in e.g. cases of energy, water consumption reading or internet communication.

EN 61000-2-2 is not an applicable standard for WILO's or any other manufacturer's products. As defined in its scope, it is only applicable for distribution systems. Nevertheless, WILO anticipates that the limits in applicable EMC standards as EN 61000-6-3 and EN 61800-3 will be derived from this standard in the near future. Within IEC, the CIS-H/JWG 6 working group is currently working on this topic, but has still not officially published a proposal on emission limits in the frequency range from 9 kHz up to 150 kHz, so there still is no requirement even in the latest edition of generic EMC emission standard IEC 61000-6-3:2020 for residential environments or any EMC product standard applicable for circulators. Wilo monitors the working documents on this issue regularly. We perform EMC emission measurements in the PLC frequency range as part of our routine EMC tests during product development and check regularly against the latest proposals in order to prepare and control our compliance with existing and coming regulations.

Please note that e.g. electricity meters using PLC are in the scope of EN 50065-2-3:2003/A1:2005 that defines EMC immunity requirements: Clause 7.2.2 requires EMC immunity testing in the frequency range from 10 kHz to 94 kHz with test levels from 134 dB μ V decreasing to 120 dB μ V.

Wilo does not accept any claims related to emissions in above mentioned frequency band for any of its products nor will it be able to accept any requirements apart from the applicable and relevant standards.

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