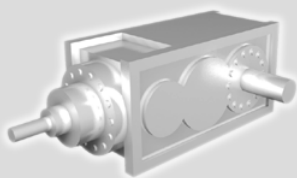
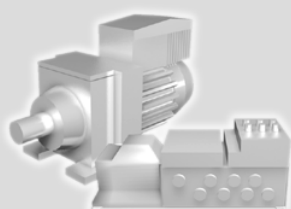
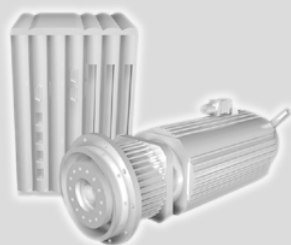
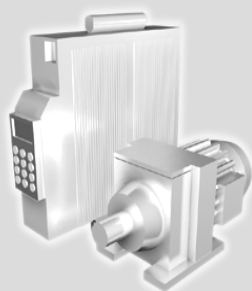




SEW
EURODRIVE



Interference Emission Categories (According to EN 61800-3)

Edition 07/2007

11656611 / EN

Customer Information



1 Interference Emission Categories

1.1 Field of application

The EMC product standard EN 61800-3 (Variable speed drives, part 3: EMC requirements including special test methods) defines electromagnetic compatibility (EMC) requirements for drive systems (PDS - Power Drive Systems). It applies to drive systems that are operated in residential, business and industrial areas.

With respect to interference emission of drive systems, the standard differentiates between four categories (C1 ... C4).

The drive systems of SEW-EURODRIVE can be equipped with different EMC measures depending on the operational environment. For details on this and other detailed information about EMC-compliant installation, please refer to the respective unit documentation.

1.2 Notes on project planning

Category C1 to EN 61800-3 corresponds to limit value class B according to EN 55011. Categories C2 or C3 to EN 61800-3 correspond to the limit value class A according to EN 55011. Category C4 only applies for industrial power supply systems that exceed AC 1000 V and AC 400 A.

According to EN 61800-3, drive systems that do not comply with C1 must display the following note:

	 WARNING!
	This product can cause high-frequency interferences in residential areas which can require measures for interference suppression.

According to EN 61800-3, drive systems that do not comply with C1 or C2 must display the following note:

	 WARNING!
	This drive system is not designed for operation on a public low voltage supply system that supplies residential areas.

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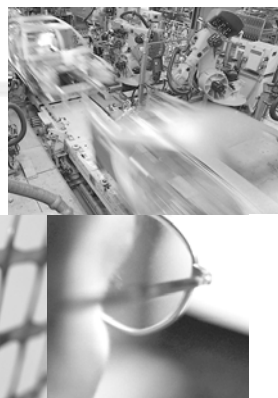
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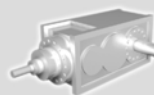
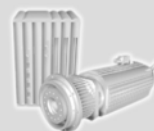
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