Intelligent Drivesystems, Worldwide Services

ECODESIGN STANDARD EN 50598





NEW EFFICIENCY CLASSES FOR MOTOR SYSTEMS



EN 50598 EFFICIENCY CLASSES FOR MOTOR SYSTEMS

The new standard which defines the IE classes for inverters and IES classes for the combination of motors and inverters was published at the beginning of the year.

Federal Environmental Agency: "The objective of the Ecodesign Standard is to minimise the environmental effects of products which are relevant to the consumption of energy over their entire life cycle."

NORD DRIVESYSTEMS drive solutions already fulfil the stringent requirements of the new EN 50598 standard.

New terms and definitions in EN 50598







Extended Product

The entire system comprising the drive control, motor power transmission and the driven load machine.

Driven Equipment

The actual load machine, including the mechanical power transmission by gear units or belts.

Motor System

Motor plus Motor Control System

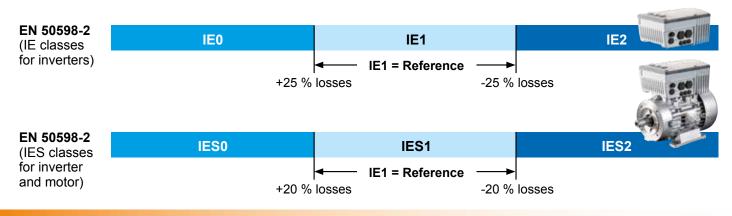
The combination of the drive control and motor including the motor cable, regardless of the motor technology.

(**PDS** / Power Drive System = CDM + Motor)

Motor Control System

CDM (Complete Drive Module) or Motorstarter

CDM = frequency inverter and including all necessary auxiliary components and equipment.



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