

ENYSTAR distribution boards comply with the requirements of the IEC 61439-3

Distribution boards assembled and wired according to manufacturer data without essential deviations from the original type or system.

To meet these requirements for Hensel ENYSTAR Distribution boards, the following must be noted:

1. The distribution boards must consist of the verified enclosures documented in this list.
2. The wiring of the equipment must be carried out with the cross-sections and conductor types indicated in Table "Rating of insulated conductors in switchgear assemblies", Index Technics.
3. Once the distribution board is completed, a routine test must be carried out in accordance with this standard.
4. The test must be certified with a test report.
5. The assembly must be provided with a manufacturer's identification mark.
 Compliance with important data such as
 - limit of temperature rise
 - dielectric strength
 - IP degrees of protection
 - creepage distances and clearances
 is verified for this system.

Standards and regulations

- IEC 61439-3
 ... low-voltage switchgear and controlgear assemblies intended to be in places where unskilled persons have access to their use - distribution boards
- IEC 60999, connecting devices
 Safety requirements for screw-type and screwless-type clamping units for electrical copper conductors
- DIN EN 50262
 Metric threaded cable glands for electrical installations
- DIN 43880
 Built-in equipment for electrical installations; overall dimensions and related mounting dimensions
- IEC 60529 / DIN VDE 0470 Part 1
 Degrees of protection provided by enclosures (IP-Code)