

Standards

The inserts are designed and manufactured to conform with EN 61984, (IEC 61984), VDE 0627 and UL 1977/CSA C22.2 182.3 standards. They are certified and labeled with the cULus and CE marks. The connectors are therefore in conformance with both European/International and American systems. This permits them to be used in a wider range of applications worldwide.

• EN 61984	Connectors safety re	equirements and tests

• VDE 0627 Connectors (DIN VDE 0627)

• EN 60664-1 Insulation coordination for equipment

within low-voltage systems

• EN 175 301-801 High density rectangular connectors, round

removable crimp contacts

• EN 60947-7-1 part 7-1 Low-voltage switchgear and control gear,

Ancillary equipment - Terminal blocks for

copper conductors

Table 4 concerning clearance and VDE 0110

creepage distances

• EN 60512 Connectors for electronic equipment, tests

and measurements

Component connectors for use in data, • UL 1977

signal, control and power applications

 CSA.C22.2 No. 182.3 Special use attachment, plugs,

receptacles and connectors

• EN 60529 Degree of protection provided by

enclosures (IP degree)

• EN 50262 Metric cable glands for electrical

installation

• EN 60423 Conduits for electrical purposes. Outside

diameters of conduits for

electrical installations and thread for

conduits and fittings

Industrial automation system and • ISO 23570-2

integration. Distributed installation in industrial applications. Part 2: Hybrid

communication bus.

Industrial automation system and • ISO 23570-3

integration. Distributed installation in industrial applications Part 3: Power

distribution bus

• DESINA® specifications Specification to standardize

electrical, hydraulic and pneumatic

components and their interconnection on a common platform for CNC

controlled machine tools and

manufacturing lines.

Directives and Declarations

NEMA-250 Declaration of Conformity

Metal and plastic enclosures for Multipole Industrial Connectors (Heavy Duty Connectors). Series STD, STD-HV, HE, HE-HV all sizes. Are designed and manufactured in conformity with NEMA 250-1991 Standard and meet the requirements of NEMA Type 4, 4x

2006/95/EC: LVD Directive

Directive 2006/95/EC of the European Parliament and of the council of 12 December 2006 on the harmonization of the laws of Members States relating to electrical equipment designed for use within certain voltage limits.

2002/95/EC: **RoHS** Directive

Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

2008/35/EC: RoHS Directive amendment

Directive 2008/35/EC of the European Parliament and of the Council of 11 March 2008 amending Directive 2002/95/EC of the use of certain hazardous substances in electrical and electronic equipment (RoHS) as regards the implementing powers conferred on the Commission.

2004/108/EC **EMC Directive**

EMC, Electromagnetic Compatibility Directive.

In accordance with the European Directive that regulates the emission and the immunity of the equipment, for the products designed for EMC industrial applications.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EEC and 2000/21/EC.

WARNING - ACCORDING TO EN 61984, CONNECTORS SHOULD NOT BE COUPLED AND DECOUPLED UNDER ELECTRICAL LOAD.

(Distributed and Standardized Installation Technology), Studied by German Manufacturers of Machine Tool Association.



