



Certificate of Compliance

Certificate: 1228246

Master Contract: 165750

Project: 70003040

Date Issued: December 16, 2013

Issued to: Wieland Electric GmbH
Brennerstrasse 10-14
Bamberg/Bayern, 96052
GERMANY

The products listed below are eligible to bear the CSA Mark shown



Doug Hawkes
Issued by: Doug Hawkes

PRODUCTS

CLASS 6233 01 - RECEPTACLES - Attachment Plug Type and Plugs



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Special-Use Connectors and Plugs, multi-pole, with metal housings, Series:

Series	Ratings
70,0, Z5.572 and Z5.573	35 A, 600 V, 6 poles, for No. 8 AWG (screw terminals)
70.2, Z5.570 and Z5.571	35 A, 600 V, 6 poles, for No. 8 AWG (screw terminals)
70.3, 99.7xx.3719.x Z5.570 and Z5.571	16 A, 600 V, 6 up to 48 poles, for No. 12 AWG (screw terminals)
70.4	16 A, 600 V, 3 up to 32 poles, for No. 12 AWG (screw terminals)
70.5	16 A, 600 V, 6 up to 48 poles, for No. 12 AWG (screwless terminals)
70.7, Z5.570 and Z5.571	16 A, 600 V, 6 up to 48 poles, for Nos. 20 to 12 AWG (crimp terminals)
70.8	16 A, 600 V, 3 up to 32 poles, for No. 20 to 12 AWG (crimp terminals)
70.9	35 A, 600 V, 6 poles, for No. 8 AWG (screw terminals)
70.10, 70.11, Z5.572 and Z5.573	16 A, 600 V, 6 up to 48 poles, for No. 12 AWG (screw terminals)
70.12 and 70.13	16 A, 600 V, 3 up to 20 poles, for No. 12 AWG (screw terminals)
70.90 and 70.91	16 A, 600 V, 6 up to 48 poles, for No. 12 AWG (screw terminals)
70.92 and 70.93	16 A, 600 V, 3 up to 20 poles, for No. 12 AWG (screw terminals)
72.0	35 A, 600 V, 6 poles, for No. 8 AWG (screw terminals)
72.2	35 A, 600 V, 6 poles, for No. 8 AWG (screw terminals) or 35 A, 600 V, 4 poles, for No. 8 AWG (screw terminals) 16 A, 600 V, 6 poles, for No. 12 AWG (screw terminals) or 82 A, 600 V, 4 poles for No. 4 AWG (screw terminals) or 100 A 600 V, 3 poles for No. 2 AWG plus 40 A, 600 V, 3 poles for No. 6 AWG plus 16 A, 600 V, 6 poles for No. 12 AWG (screw terminals) or 40 A, 600 V, 6 poles, for No. 6 AWG plus 16 A, 600 V, 6 poles for No. 12 AWG (screw terminals) or 70 A, 600 V, 4 poles for No. 4 AWG plus 16 A, 600 V 2 poles for No. 12 AWG (screw terminals)
70...,71...,72..., 77...	16 A, 600 V 6 up to 48 poles for 14 AWG (screwless terminals)
99.729 and 99.730	82 A, 600 V, 4 poles, for 4 AWG (screw terminals)
72.3, Z5.570 and Z5.571	16 A, 600 V, 6 up to 48 poles, for No. 12 AWG (screw terminals)
72.7, Z5.570 and Z5.571	16 A, 600 V, 6 up to 48 poles, for No. 20 to 12 AWG (crimp terminals)
72.9	35 A, 600 V, 6 poles, for No. 8 AWG (screw terminals)
72.10, 72.11	16 A, 600 V, 6 up to 48 poles, for No. 12 AWG
99.707.0220 and 99.708.0220	35A, 600V, 6 poles, for 8 AWG (screw terminals)
99.711.0220 and 99.712.0220	20A, 600 V, 2 poles, for No. 12 AWG (screw terminals) or 82 A, 600 V, 2 poles for No. 4 AWG (screw terminals)



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Housings, Series:

Series	Ratings
78	Enclosure Type 4X

Notes:

1. The series designations are followed by numbers; thus forming part number of housing, terminal, etc.
2. The connectors and plugs are not for interrupting current.
3. The crimp connections are to be made with submittor's hand or power operated crimping-tools.
4. The devices without strain relief are suitable for use inside cabinets etc. only.
5. The unassembled parts are sold only to manufacturers for assembly of Certified electrical equipment and are Certified only for use in equipment where the acceptability of the combination is to be determined by CSA Group.
6. On manufacturers request connector Series 70..., 72... and 73 (except for enclosures Cat. No. 76.3xx, 0753.x) were subjected to a hose down test (as for 4, 4X Type enclosures).
7. On manufacturers request housing series 78 was successfully tested as Enclosure Type 4X. These housings shall be marked "Type 4X" or "Enclosure Type 4X".

APPLICABLE REQUIREMENTS

- CSA C22.2 No. 65 – Wire Connectors
CSA C22.2 No. 94.1 – Enclosures for electrical equipment, non-environmental considerations
CSA C22.2 No. 94.2 – Enclosures for electrical equipment, environmental considerations
CSA C22.2 No. 182.3 – Special Use Attachment Plugs, Receptacles, and Connectors



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MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

Submitter's name, type or series designation, electrical ratings and CSA Monogram are printed on each block. Adjacent to the grounding terminals the recognized grounding symbol is provided. The complete type designation and electrical ratings may appear on the containing carton. The electrical ratings shown may be less than indicated above.

The caution "DO NOT OPERATE UNDER LOAD" and "NE PAS ACTIONNER SOUS CHARGE" (or equivalent) is printed in the submitter's catalogue.

The housings series 78 may be marked with the following details:

- Submitter's name;
- CSA monogram;
- type or series designation;
- the wording "Enclosure Type 4X" or "Type 4X".

The housings may also be marked as: "Raintight", "Watertight" and/or "Corrosion Resistant".

If applied, the marking details must remain visible after installation.

If the markings are not applied, the devices may not be used as a type 4X enclosure.



Supplement to Certificate of Compliance

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***The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.***

Product Certification History

Project	Date	Description
70003040	December 16, 2013	Update to cover the addition of housings series 78, enclosure type 4X.
1708582	May 5, 2006	Update to include alternate ground plate for Series 99.711.0220 and 99.712.0220.
1475932	November 6, 2003	Update to cover Sp-Use connector and plug, Cat. No. 99.712.0220 and 99.711.0220.
1432064	May 16, 2003	Update to cover alternate Type 70.1 with silver plated contacts.
1271826	February 25, 2002	Update to cover corrections
1280755	January 18, 2002	Update to include special-use connector and plug Part Nos 99.707.0220 and 99.708.0220.
1228246	September 11, 2011	Update to cover new types 70., 71., 72., 77.. and to cover new plastic.
LR 062582-8	March 28, 1990	Original Certification.