Canadian Standards Association
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CERTIFICATION REPORT

OFFICE	KEMA/CSA Agency Arnhem, The Netherlands	REPORT No.	LR 57999-6

Edition 1: January 29, 1990
Application No. LR 57999-6, KEMA Job No. 9.6377
Issued by A. Weldring
Reviewed by: P. C. J. M. Broekhof

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CSA PRODUCT CLASS
6228 01 - WIRE CONNECTING DEVICES - Terminal Assemblies

SUBJECT
Terminal Blocks for pcb connection, with cage-clamp terminals for use with stranded and solid insulated copper conductors, Cat. Nos. 233-.., 255-.. and 256-.. for 300V, group designation B, for No. 26-14 AWG; 15A; 261-.. and 262-.. (Certified Cat. Nos.: deletion of ampere-rating).

CORRECTION TO THE CERTIFICATION RECORD (due to typing errors) Cat. Nos. 236-1, -2, -3, -4, -5, -6, -7 and -9 (wire range is No. 24-12 AWG instead of No. 26-14 AWG (see Report LR 57999-5).

Notes:
1 Certified for use as components of other equipment where the acceptability of the combination is to be determined by the Canadian Standards Assocation.
2 The type designations are completed with suffixes indicating colour of body, number of conductors, mechanical details.

KEMA 1112f

DECLARATION

The product, as described in this report, complies with:

CSA Standard C22.2 No. 0 - M1982 - General Requirements
" " " " 158 - M1987 - Terminal Blocks

Electrical Notice 584A - Postponement of Effective Date and Revised Direction for Electrical Certification Notice No. 584

584B - Publication of Amendments to CSA Standard C22.2 No. 158-1987, "Terminal Blocks"

MARKINGS

Submittor's name or tradename "WAGO" basic Cat. No., voltage rating, wire size range, the CSA Monogram, the assigned torque value and ampere rating (if other than specified in CSA Standard C22.2 No. 158-M1987) are moulded or ink stamped in a permanent manner on each terminal block.

Alternatively, the submittor's name or tradename and Cat. No. are moulded or ink stamped in a permanent manner on each terminal block and the complete above marking appears on the shipping container.

ALTERATIONS

The markings are in accordance with the MARKINGS paragraph above.

FACTORY TESTS

None required.

DESCRIPTION

PART A - CAT. NO. 255-...

See manufacturer's illustration Ill. 1.

Body: Self-extinguishing polyamide 6.6 composition, overall dimensions .4 mm by 13.2 mm by 7.8 mm.

Terminal Parts: Consisting of an assembly of a stainless steel spring and a tin plated copper contact frame.
Spring: 0.3 mm thick, 3.7 mm wide and 7.5 mm high.
Contact frame: 0.7 mm thick, 4 mm wide by 14.6 mm high, provided with two soldering pins 0.7 mm square, extending 4.3 mm from the body.

Cover: Same material as body, snap fits to the body.

PART B - CAT. NO. 256-..

See manufacturer's illustration Ill. 2.

General: The construction and dimensions are the same as described for Cat. No. 255-.. in Part A above except that the overall dimensions of the body are 15.2 mm by 13 mm by 7.8 mm.

PART C - CAT. NO. 233-..

See manufacturer's illustrations Ill. 3 and Ill. 4.

General: The catalogue numbers are followed by suffixes which indicate type of clamping terminal, number of poles and pitch distance.

1 Body:

Material: Polyamide composition, Type PA6.6-105-V2 (0.6V2, CTI > 600) made by CP-Polymer Technik GmbH.

Dimensions: As shown on the drawings Ill. 3 and Ill. 4.

2 Terminal Part:

Material: Plated copper alloy.

Dimensions: Overall 5.5 mm by 8.0 mm by 2.0 mm, terminating into two solder pins 0.75 mm by 0.5 mm.

The spring, 0.3 mm thick, is spot welded to the terminal part.

3 Pressure Part: (for first suffix 2 or 5):

Material: Polyamide composition, Type PA6.6 GV-30-130.

Dimensions: Overall 5.0 mm by 9.8 mm by 2.5 mm.

4 End Plate:

Material: The same as for the body described in item 1.

Dimensions: 11.7 mm by 12.1 mm by 1.0 mm thick, the cover snap fits into open end of the body.

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TEST

The tests were carried out by Mr. Th. Pasman (KEMA).

- Secureness Test (Clause 6.3)
- Static Heating Test (Clause 6.4)
- Pull-out Test (Clause 6.5)
- Dielectric Strength Test (Clause 6.6)
- Accelarated Aging Test (Clause 6.7)
- Verification Tests (Clauses 6.8 and 6.9)

For details of the test results see the attached Lab. Test Data Sheet T2.