

Type Test Report
Electrical Accessories and Hardware Reference Laboratory

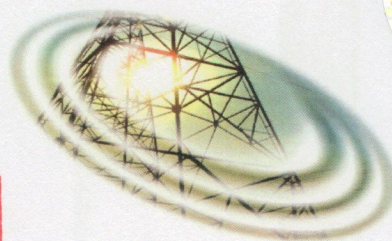
Connector Cover B1 and B2

**Client: Council for Assessment and Compliance with Electrical Industry Equipment
Production Standards, Power Generation, Transmission & Distribution Company**

Manufacturer: Electro Niroo Taban Control Company (NETCO).

Test Standard: EN 50483-4, EN 50483-6 (2009)

Niroo Research Institute



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Connector Cover B1 and B2

Serial number: -

Reference Standards: EN 50483-4, EN 50483-6 (2009)

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Date of issue: 2025/05/10

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Reviewed by: H. Mostafavi



Approved by: F. Naghdi

Connector Cover B1 and B2

Serial number: -

Reference Standards: EN 50483-4, EN 50483-6

Tested by: M. Soltanloo

Approved by: A. Bajgholi

Tests witnessed by:

Date of issue: 2018/01/31

Laboratory: Electrical Accessories and Hardware Reference Laboratory

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Client: Council for Assessment and Compliance with Electrical Industry Equipment Production Standards, Power Generation, Transmission & Distribution Company

Manufacturer: Electro Niroo Taban Control Company (NETCO)

Request number: 96/27500/9520

Request date: 2018/01/14

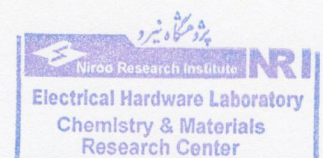
Sampling date: 2017/12/11

Sampling location: No. 10, Kamalzadeh St., End of Robat Mashin St., Shora Bld., Kamalshahr, Karaj

Report number: CH96257

Sample code: SCH99291

Remarks: Any reproduction of this report without the approval of the Electrical Accessories and Hardware Reference Laboratory is invalid.



Tested by: M. Soltanloo

Approved by: A. Bajgholi

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1. Summary of test results

Test	Test Type	Standard/Clause	Result
Low temperature impact test	Type test	EN 50483-4 8.1.2.5	Passed
Climatic aging test	Type test	EN 50483-4 8.1.5.2 EN 50483-6	Passed

Connector cover B1 and B2 of Electro Niroo Taban Control Company (NETCO) is approved according to EN 50483-4 and EN 50483-6 standards.

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2. Product Specifications

Name: Connector cover B1 and B2

Model: -



3. Technical Specifications

Weight:

Markings: NETCO B1 B2

Other characteristics have not been specified by the manufacturer.

4. General Considerations

The customer has the right to officially announce their written objection to the test results or procedure within one month after the test report is issued. The tested samples will be stored at the laboratory for up to 6 months after testing.

Sampling was conducted by representatives of the Niroo Research Institute.

5. Test Methods and Results

5.1. Low temperature impact test

The test was performed according to EN 50483-4, clause 8.1.2.5. The samples were placed in a chamber at -10 °C and hold there for at least 2 h. Then the impact was applied to the samples inside the chamber in two directions.

Acceptance Criteria:

No damage shall occur which would affect the correct function of the sample.

Results:

No damage was observed in the samples after the test.

Conclusion:

The connector cover passed the test.

5.2. Environmental tests

5.2.1. Climatic aging test

The test was performed according to EN 50483-4, clause 8.1.5.2 and EN 50483-6, clause 8.5. The samples were exposed to UV chamber for 6 cycles of 1 week. After completion of the test, the samples were removed from the chamber and were subjected to visual inspection after 48 h.

Acceptance Criteria:

Visual inspection shall be carried out to determine that there has been no degradation of the organic parts which could affect the normal function of the sample.

The sample's identification marking shall be legible when examined with normal or corrected vision, without magnification.

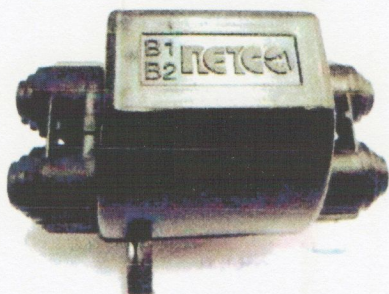
Results:

No degradation of the organic parts was observed.

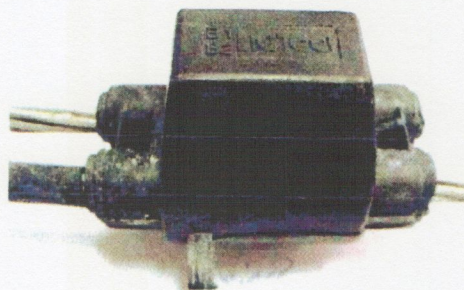
The samples' identification markings were legible when examined with normal vision.

Conclusion:

The connector cover passed the test.



Sample before Climatic aging test



Sample after Climatic aging test

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