



Suspension assembly

ES - 1500



PLAMEN



LIZO



2H1383
DCTY ISO/IEC 17025



2H1383
ДСТУ ISO/IEC 17025

Атестат акредитації
№ 2H1383
Дійсний до
16 червня 2021 року

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Accreditation certificate
№ 2H1383
Expiry date:
16 June, 2021

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TESTING REPORT № 50/17

*Of suspension assemblies for neutral messenger system cables
ES1500 type testing (suspension clamp PS1500 with bracket CS1500)*

Requirements and the test methods: EN 50483:2009.

Product name: Suspension assembly
Model and type: ES1500 (PS1500 and CS1500)
Manufacturer: "PLAMEN" D.O.O
Kralja Petra I bb, Indjija 22320, Serbia
Customer: "PLAMEN" D.O.O
Kralja Petra I bb, Indjija 22320, Serbia
Basis (Reason): Contract № 3-03-17 of 06.03.2017
Tests result: *Suspension assemblies for neutral messenger system cables ES1500 (PS1500 and CS1500) passed the tests by the indicated parameters, satisfy the manufacturer's declared characteristics and requirements of EN 50483:2009.*

(the testing results are given in the additional testing reports №№ 50/17-1 ... 50/17-7 which are the integral part of this testing report)

In this testing report results are valid for the tested samples.

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Lviv - 2018

List and numbers of the testing reports where the testing results are given

Test	Testing report
1. Visual examination test and dimensional verification test (EN 50483-1:2009 Annex A, Table A.1 and clause 6)	50/17-1
2. Test for permanent marking (EN 50483-1:2009 clause 9.2)	50/17-2
3. Tensile test on suspension clamp (EN 50483-3:2009 clause 8.2.2.1)	50/17-3
4. Slip test at ambient temperature (EN 50483-3:2009 clause 8.2.2.2)	50/17-4
5. Corrosion test (EN 50483-3:2009 clause 8.2.3.1, clause 8.2.3.3.1 method 1, EN 50483-6:2009 clause 8.4.1 and clause 8.4.2 method 1)	50/17-5
6. Climatic ageing test (EN 50483-3:2009 clause 8.2.3.4, clause 8.2.3.4.2 method 2, EN 50483-6:2009 clause 8.5.2)	50/17-6
7. Dielectrical voltage test (EN 50483-3:2009 clause 8.2.4.1)	50/17-7

ASSEMBLY'S CHARACTERISTICS

Name: Suspension assemblies.
Model and type: ES1500 (PS1500 and CS1500).
Purpose: It's used to support aerial bundled cables (ABC) with neutral messenger at wooden and concrete poles, and for laying on buildings.

Technical characteristics of the clamp PS1500

Neutral messenger cross section: (35 – 95) mm².
 Bolt tightening torque: -
 Minimum breaking load of the clamp declared by the manufacturer (SMFL): 12 kN.
 The angle of turning of the line: 65 °.
 Batch number: 12/16.
 Installation temperature: from -10 °C to +50 °C.
 Weight: (178 ± 2) g.
 Overall dimension (L / W / H): (100 ± 2) mm / (39 ± 2) mm / (142 ± 2) mm.

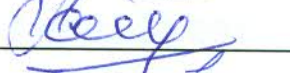



Technical characteristics of the bracket CS1500

Minimum breaking load declared by the manufacturer: 12 kN.
 Batch number: 11/14.
 Installation temperature: from -10 °C to +50 °C.
 Weight: (250 ± 3) g.
 Overall dimension (L / W / H): (177 ± 2) mm / (40 ± 2) mm / (84 ± 2) mm.

Engineering data

Body details of the clamp: Polyamide resistant to UV, wet and temperature difference.
 Bracket: Aluminum alloy.

The tests were performed by:

Deputy head of the testing laboratory:  S. S. Lakhovsky
 Engineer:  O. O. Nepyivoda
 Engineer:  D. S. Denys
 Engineer:  A. S. Shevtsiv



NATIONAL ACCREDITATION AGENCY OF UKRAINE

NATIONAL ACCREDITATION BODY OF UKRAINE

ACCREDITATION CERTIFICATE

Registered
on August 31, 2017*
No. 2H1383
valid until June 16, 2021



Date of the Initial Accreditation: **June 17, 2016**

NATIONAL ACCREDITATION AGENCY OF UKRAINE
BY THIS CONFIRMS THE COMPETENCE OF

**Testing Laboratory
of Limited Liability Company
Production Commercial Firm «LIZO»**

**Address of the legal entity: 81085, Lviv Region, Yavorivskiy District,
Riasne-Ruske Village, Nezalezhnosti Square, 1**

Address of the CAB: 79035, Lviv, Pymonenka Str., 3

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(EDRPOU Code)

IN COMPLIANCE WITH THE REQUIREMENTS OF DSTU ISO/IEC 17025:2006 (ISO/IEC 17025:2005)
IN THE SCOPE OF:

testing of line fittings intended for stringing, support and connection of overhead power lines, electric conductors with a nominal voltage up to 1000 V and fiber optic cables.

The scope of accreditation is defined by the annex to this certificate dated June 17, 2016 that consists of **03** pages and the supplement to the scope of accreditation dated August 31, 2017 that consists of **02** pages and is an integral part of this certificate.

*To replace the certificate issued on June 17, 2016 due to amendments made.
The decision on extension of CAB's accreditation scope dated August 31, 2017.

Chairman



Dr. Viktor Gorytskyy

Translation dated 20.09.2017

01133, Kyiv, Generala Almazova Street, 18/7

Registered in the logbook under No.1015

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