

DEHN Test Centre

Test report



No. 2719_SUJ

Test object: **ValkPro+ Max Next Gen.;**
Manufacturer Van der Valk Solar Systems
UNI-Earthing Clamp;
Manufacturer DEHN SE

Applicant: *Van der Valk Solar Systems*
Galgeweg 46
2691 MG 's-Gravenzande
Netherlands

Type of testing:

- Test of the lightning impulse current carrying capability of the test classification N (50 kA 10/350) following the principles of DIN EN IEC 62561-1:2024-05
 - conditioning and aging; Section 6.5
 - Electrical testing; Section 6.6
 - Contact resistance; Section 6.6.2 a)
 - Visual inspection; Section 6.6.2 b)
 - Loosening Torque; Section 6.6.2 d)
 - Measurement of conductor length, Section 6.6.2 f),

Deviation: Not applicable for the screwless connection between the base rails.

Test result:

➤ **The test of the lightning current capability of connections of photovoltaic flat roof mounting system ValkPro+ Max Next Gen. and UNI-Earthing Clamp for the test classification N (50 kA) passed the criteria of DIN EN IEC 62561-1:2024-05.**

The test samples show no visible damages.

Contents: 31 pages test report including 22 figures, 9 oscillograms.

Neumarkt, 19.09.2025

Revision: 0

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