



DEHN Test Centre

Test report



No. 2582_SUJ

Test object:	2x Duraklick aluminum floor rail with Duraklick external profile connector; manufacturer Soltop Energie Uni – Earthingclamp (Art.-Nr. 540251); manufacturer DEHN SE
Applicant:	<i>Soltop Energie GmbH</i> <i>Lindauer Strasse 15</i> <i>88145 Hergatz</i> <i>Germany</i>
Type of testing:	<ul style="list-style-type: none">• Verification of the lightning current carrying capacity for test class N (50 kA) based on the test methods of IEC 62561-1 (VDE 0185-561-1):2024-05, Section 6.5 and Section 6.6.• Evaluation of the PV mounting frame as a natural component of the derivation of a lightning protection system in accordance with IEC 62305-3 (VDE 0185-305-3):2011-10, clause 5.3.5.
Test result:	<ul style="list-style-type: none">➤ The test of the lightning current carrying capacity of the Duraklick PV mounting system based on DIN EN IEC 62561-1 (VDE 0185-561-1):2024-05 was passed.➤ The assessment of the photovoltaic mounting system according to IEC 62305-3:2010-12 (Edition 2.0); chapter 5.3.5, for the compliance with the minimum dimensions is made by the applicant, see Annex A.
Contents:	36 pages test report including 27 figures, 9 oscillograms and 1 annex.

Neumarkt, 19.09.2024

Revision: 0

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