
Test Report of the Manufacturer



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Fixed Earthing Point

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Part no.: EP4



DEHN + SÖHNE
GmbH + Co KG

Hans Dehn-Str. 1
92318 Neumarkt
Germany

update: 2008-00-24

Type Test:: Test of the Lightning Current Carrying

Capability in accordance with EN 50164-1
DIN VDE 0185-201:2000-04



<p>Component: Fixed Earthing Point Part No.: EP4 Ident.-No.: 0 Material: gun metal</p>	<p>Tightening torque of the screws:</p> <p>1.) M10 - 20 Nm 2.) M10 - 20 Nm 3.) M10 - 20 Nm 4.) M10 - 20 Nm</p>
<p>Test arrangement in accordance with EN 50164-1 Annex B</p>	<p>B05</p> <p>Connected conductor (1): round wire 10 gun metal Connected conductor (2): flat strip 55x3 copper</p>
<p>Precondition/Ageing in accordance with Annexes C and D</p>	<p>Overground application C1 <input checked="" type="checkbox"/> C2 <input checked="" type="checkbox"/> Underground application D</p>
<p>Lightning current test in accordance with section 6.3</p>	<p>3 lightning current loads Class H <input checked="" type="checkbox"/> 100 kA (10/350)</p>
<p>Assessment after lightning current test in accordance with section 6.3</p>	<p><input checked="" type="checkbox"/> passed Transient resistance: Specified value: $\leq 1 \text{ m}\Omega$</p>
<p>Releasing torque of the screws:</p>	<p><input checked="" type="checkbox"/> passed</p>
<p>Visual check:</p>	<p><input checked="" type="checkbox"/> passed</p>
<p>Assessment: Thus, the device has passed the test in accordance with EN 50164-1-DIN VDE 0185-201:2000-04 and has been classified in class H.</p>	
<p>_____</p> <p>Test Engineer</p>	<p>_____</p> <p>Test Engineer</p>