

---

## Test Report of the Manufacturer



Generated on 07.02.2008 by SSE

---

Fixed Earthing Point

### Fixed Earthing Point

Part no.: EP2P



---

DEHN + SÖHNE  
GmbH + Co KG

Hans Dehn-Str. 1  
92318 Neumarkt  
Germany

update: 2008-01-07

---

**Type Test::** Test of the Lightning Current Carrying

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



Component: <b>Fixed Earthing Point</b> Part No.: <b>EP2P</b> Ident.-No.: <b>0</b> Material: <b>gun metal</b>	Tightening torque of the screws: 1.) 20 Nm 2.) 20 Nm
Test arrangement in accordance with EN 50164-1 Annex B	B05 Connected conductor (1): round wire 10 gun metal Connected conductor (2): flat strip 25x3 copper
Precondition/Ageing in accordance with Annexes C and D	Overground application C1 <input checked="" type="checkbox"/> C2 <input checked="" type="checkbox"/> Underground application D
Lightning current test in accordance with section 6.3	3 lightning current loads Class H <input checked="" type="checkbox"/> 100 kA (10/350)
Assessment after lightning current test in accordance with section 6.3	<input checked="" type="checkbox"/> <b>passed</b> Transient resistance: Specified value: $\leq 1 \text{ m}\Omega$
Releasing torque of the screws:	<input checked="" type="checkbox"/> <b>passed</b>
Visual check:	<input checked="" type="checkbox"/> <b>passed</b>
<p><b>Assessment:</b>                  Thus, the device has passed the test in accordance with EN 50164-1-DIN VDE 0185-201:2000-04 and has been classified in <b>class H</b>.</p>	
_____ Test Engineer	_____ Test Engineer

**Type Test::** Test of the Lightning Current Carrying Capability in accordance with EN 50164-1 DIN VDE 0185-201:2000-04



Component: <b>Fixed Earthing Point</b> Part No.: <b>EP2P</b> Ident.-No.: <b>0</b> Material: <b>gun metal</b>	Tightening torque of the screws: 1.) 20 Nm 2.) 20 Nm
Test arrangement in accordance with EN 50164-1 Annex B	B02 B03 Connected conductor (1): round wire 10 gun metal Connected conductor (2): round wire 70mm <sup>2</sup> copper
Precondition/Ageing in accordance with Annexes C and D	Overground application C1 <input checked="" type="checkbox"/> C2 <input checked="" type="checkbox"/> Underground application D
Lightning current test in accordance with section 6.3	3 lightning current loads Class H <input checked="" type="checkbox"/> 100 kA (10/350)
Assessment after lightning current test in accordance with section 6.3	<input checked="" type="checkbox"/> <b>passed</b> Transient resistance: Specified value: ≤ 1 mΩ
Releasing torque of the screws:	<input checked="" type="checkbox"/> <b>passed</b>
Visual check:	<input checked="" type="checkbox"/> <b>passed</b>
<p><b>Assessment:</b>          Thus, the device has passed the test in accordance with EN 50164-1-DIN VDE 0185-201:2000-04 and has been classified in <b>class H</b>.</p>	
_____ Test Engineer	_____ Test Engineer