
Test Report of the Manufacturer



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AIR TERMINAL BASES

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Part no.: ATBC10



DEHN + SÖHNE
GmbH + Co KG

Hans Dehn-Str. 1
92318 Neumarkt
Germany

update: 2008-00-18

Type Test:: Test of the Lightning Current Carrying

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



<p>Component: AIR TERMINAL BASES Part No.: ATBC10 Ident.-No.: 0 Material: gun metal</p>	<p>Tightening torque of the screws: 1.) 6 Nm 2.) 6 Nm 3.) 6 Nm 4.) 6 Nm</p>
<p>Test arrangement in accordance with EN 50164-1 Annex B</p>	<p>B05 Connected conductor (1): round wire 10 copper Connected conductor (2): flat strip 25x3 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>

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



Component: AIR TERMINAL BASES Part No.: ATBC10 Ident.-No.: 0 Material: gun metal	Tightening torque of the screws: 1.) 6 Nm 2.) 6 Nm 3.) 6 Nm 4.) 6 Nm
Test arrangement in accordance with EN 50164-1 Annex B	B06 Connected conductor (1): round wire 10 copper 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"/> passed Transient resistance: Specified value: $\leq 1 \text{ m}\Omega$
Releasing torque of the screws:	<input checked="" type="checkbox"/> passed
Visual check:	<input checked="" type="checkbox"/> passed
<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>	
_____ Test Engineer	_____ Test Engineer