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## Test Report of the Manufacturer



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B-BOND CLAMP

### **B-BOND CLAMP**

Part no.: BBC



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DEHN + SÖHNE  
GmbH + Co KG

Hans Dehn-Str. 1  
92318 Neumarkt  
Germany

update: 2007-09-17

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

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



<p>Component: <b>B-BOND CLAMP</b>  Part No.: <b>BBC</b>  Ident.-No.: <b>0</b>  Material: <b>gun metal</b></p>	<p>Tightening torque of the screws: 1.) M10 - 20 Nm</p>
<p>Test arrangement in accordance with EN 50164-1 Annex B</p>	<p><b>B06</b></p>
	<p>Connected conductor (1): flat strip 25x3 copper  Connected conductor (2): flat strip 25x3 hot-galvanized steel</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"/> <b>passed</b>  Transient resistance: Specified value: <math>\leq 1 \text{ m}\Omega</math></p>
<p>Releasing torque of the screws:</p>	<p><input checked="" type="checkbox"/> <b>passed</b></p>
<p>Visual check:</p>	<p><input checked="" type="checkbox"/> <b>passed</b></p>
<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>	
<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: <b>B-BOND CLAMP</b> Part No.: <b>BBC</b> Ident.-No.: <b>0</b> Material: <b>gun metal</b>	Tightening torque of the screws: 1.) 20 Nm
Test arrangement in accordance with EN 50164-1 Annex B	<b>B06</b> Connected conductor (1): flat strip 25x3 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"/> <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