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## Test Report of the Manufacturer



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Square tape clamp

### Square tape clamp

Part no.: STC253B



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DEHN + SÖHNE  
GmbH + Co KG

Hans Dehn-Str. 1  
92318 Neumarkt  
Germany

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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



Component: <b>Square tape clamp</b> Part No.: <b>STC253B</b> Ident.-No.: <b>0</b> Material: <b>brass</b>	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	<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