
Test Report of the Manufacturer



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"U" bolt rod clamp

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Part no.: UCR70



DEHN + SÖHNE
GmbH + Co KG

Hans Dehn-Str. 1
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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



Component: "U" bolt rod clamp Part No.: UCR70 Ident.-No.: 0 Material: gun metal	Tightening torque of the screws: 1.) 15 Nm 2.) 15 Nm
Test arrangement in accordance with EN 50164-1 Annex B	B02 B03
	Connected conductor (1): round wire 70mm ² copper Connected conductor (2): round wire 16 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: ≤ 1 mΩ
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

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



Component: "U" bolt rod clamp Part No.: UCR70 Ident.-No.: 0 Material: gun metal	Tightening torque of the screws: 1.) 15 Nm 2.) 15 Nm
Test arrangement in accordance with EN 50164-1 Annex B	<input type="checkbox"/> B02 <input type="checkbox"/> B03
	Connected conductor (1): round wire 70mm ² copper Connected conductor (2): round wire 25 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: ≤ 1 mΩ
Releasing torque of the screws:	<input checked="" type="checkbox"/> passed
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<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