Manufacturer Test Report

Issued on 06.05.2022 by LUB Document: 10049577 000 00

Earth electrode seals

Waterproof wall bushing

Part No.:

478550

Material No.:

3016528



DEHN SE
Hans-Dehn-Str. 1
92318 Neumarkt, Germany

MANUFACTURER TEST REPORT

IEC 62561-5: 2017 Ed 2.0

DIN EN 62561-5 (VDE V0185-561-5):2018-05

Lightning protection system components (LPSC) –
Part 5: Requirements for earth electrode inspection housings and earth electrode seals

Report DIS- No.	**: 10049577 000 00**
Compiled by (+ signature)	**: Beck Lukas**
Approved by (+ signature)	**: Dominik Donauer**
Date of issue	**: 06.05.2022**

Testing laboratory	**: DEHN SE**
Address	**: Hans-Dehn-Str. 1**
Testing location	**: 92318 Neumarkt, Germany**
Standard	**: IEC 62561-5: 2017 Ed 2.0** **DIN EN 62561-5 (VDE V0185-561-5):2018-05**

Type of test item	**: Earth electrode seals**
Model	**: Earth electrode seals**
Type	**: Waterproof wall bushing**
Model number	**: 478530 478540 478550**

Rating(s)	**: The product was tested according to** **DIN EN 62561-5 (VDE V0185-561-5):2018-05** **to Sub Clause 6.3.2**

Technical Data:

Technical Data	Value
Part Number	478550
Mat. -Number	3016528
Product description	WD M10 12 V4A DWD L400 500 STTZN
Material	StSt (V4A) / St/tZn
Threaded connection	Two-start thread M10/M12
Lenght of variable adjustment range	400-500mm
Pressurised water-tight	1bar
Recommendet Concrete	C25/30 or higher
Installation instruction	DS-Nr. 1654 Mat. Nr. 3006591

Test results for earth electrode seals according to DIN EN 62561-5 (VDE V0185-561-5):2018-05				
Test Series	Clause	Requirement - Test	Result	Verdict
1	6.3.2.1	**Preparation according to the manufacturer's instructions**	P	
	6.3.2.2	**Recommended Concrete**	P	
	6.3.2.3	**Curing of specimen**	P	
	6.3.2.4	**Application of water pressure**	P	
	6.3.2.5	**Examination of specimen**	P	
	6.3.2.6	**Depth of penetration**	P	
	6.4	**Installation instructions**	P	
	6.5	**Marking test**	N/A	P

Legend

Test case verdicts		**character**
Test case does not apply to the test object	⇒ **Not applicable**	**N/A**
Test item does meet the requirement	⇒ **Pass**	**P**
Test item does not meet the requirement	⇒ **Fail**	**F**