

Checklist for HVI Installation



Address of the test object:	
Name:	
Contact partner:	
Street:	
Postcode, Place:	
Phone:	

Item	Question	Rating										
		YES	NO									
1	Is the whole system positioned in the protected area?											
2	Has the separation distance been calculated? (down conductor to the earth-termination system, isolated system with connection to existing external lightning protection system or lightning equipotential bonding on roof level)											
3	Is the maximum equivalent separation distance specified by DEHN for the application of the HVI Conductor kept? <table border="0" style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 30%;">HVI light Conductor / DEHNcon H</td> <td style="width: 30%;">$s \leq 0.45$ m in air</td> <td style="width: 30%;">$s \leq 0.9$ m solid material</td> </tr> <tr> <td>HVI Conductor</td> <td>$s \leq 0.75$ m in air</td> <td>$s \leq 1.5$ m solid material</td> </tr> <tr> <td>HVI power Conductor</td> <td>$s \leq 0.9$ m in air</td> <td>$s \leq 1.8$ m solid material</td> </tr> </table>	HVI light Conductor / DEHNcon H	$s \leq 0.45$ m in air	$s \leq 0.9$ m solid material	HVI Conductor	$s \leq 0.75$ m in air	$s \leq 1.5$ m solid material	HVI power Conductor	$s \leq 0.9$ m in air	$s \leq 1.8$ m solid material		
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4	Is the calculated separation distance kept in the range of the sealing end?											
5	Is the supporting tube and, if required, the equipotential bonding element of the sealing end correct, i.e. only connected with the equipotential bonding / the lightning equipotential bonding of the system?											
6	Is the minimum distance of 0.2 m kept between HVI Conductors routed in parallel and has the connection to opposite down conductors been considered?											
7	Has the minimum bending radius been kept? <table border="0" style="width: 100%; margin-top: 5px;"> <tr> <td style="width: 50%;">HVI light Conductor (dark grey outer coating)</td> <td style="width: 50%;">200 mm</td> </tr> <tr> <td>HVI Conductor (black outer coating)</td> <td>200 mm</td> </tr> <tr> <td>HVI Conductor (grey outer coating)</td> <td>230 mm</td> </tr> <tr> <td>HVI power Conductor (black outer coating)</td> <td>270 mm</td> </tr> </table>	HVI light Conductor (dark grey outer coating)	200 mm	HVI Conductor (black outer coating)	200 mm	HVI Conductor (grey outer coating)	230 mm	HVI power Conductor (black outer coating)	270 mm			
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8	Is the equipotential bonding element of the sealing end in contact with the semiconductive layer (not grey coating)?											
9	Has the supplementary information in DEHN installation instructions No. 1501/No.1892 been considered for installation of the HVI Conductor / HVI power Conductor in hazardous areas?											
10	Did you exclusively use (tested) components of the manufacturer DEHN?											

_____ Place _____ Date

_____ Signature of tester

Company