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TEST REPORT
IEC 62196-2

Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories

Report Number. ..... :	2240154KAU-002
Date of issue ..... :	31.08.2020
Total number of pages ..... :	37
Name of Testing Laboratory preparing the Report ..... :	Intertek Deutschland GmbH, Innovapark 20, 87600 Kaufbeuren
Applicant's name ..... :	Harting Automotive GmbH
Address ..... :	Marienwerderstraße 2; 32339 Espelkamp; Germany
Test specification:	
Standard ..... :	IEC 62196-2:2016 for use in conjunction with IEC 62196-1:2014
Test procedure ..... :	CB Scheme
Non-standard test method ..... :	N/A
Test Report Form No. ..... :	IEC62196_2B
Test Report Form(s) Originator .... :	VDE Testing and Certification Institute
Master TRF ..... :	Dated 2016-11

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
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Test item description ..... :	Mode 3 Cable Assembly with Vehicle Connector and Plug
Trade Mark ..... :	HARTING
Manufacturer ..... :	Harting Automotive GmbH; Marienwerderstraße 2; 32339 Espelkamp; Germany
Model/Type reference ..... :	0891191....; 0891192....; 0891193....; 0891194.... See general Information for the complete type list.
Ratings ..... :	AC 250V; AC 480V; 20 A; 32 A; IP 44

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):

☒	**CB Testing Laboratory:**		
Testing location/ address ..... :		Intertek Deutschland GmbH Innovapark 20 87600 Kaufbeuren	
Tested by (name, function, signature) ..... :		Markus Brugger	
Approved by (name, function, signature)... :		Wolfgang Stoll	
☐	**Testing procedure: CTF Stage 1:**		
Testing location/ address ..... :			
Tested by (name, function, signature) ..... :			
Approved by (name, function, signature)... :			
☐	**Testing procedure: CTF Stage 2:**		
Testing location/ address ..... :			
Tested by (name + signature) ..... :			
Witnessed by (name, function, signature) . :			
Approved by (name, function, signature)... :			
☐	**Testing procedure: CTF Stage 3:**		
☐	**Testing procedure: CTF Stage 4:**		
Testing location/ address ..... :			
Tested by (name, function, signature) ..... :			
Witnessed by (name, function, signature) . :			
Approved by (name, function, signature)... :			
Supervised by (name, function, signature) :			

List of Attachments (including a total number of pages in each attachment):

Summary of testing:

Tests performed (name of test and test clause):		**Testing location:**
8	Marking	Intertek Deutschland GmbH Innovapark 20 87600 Kaufbeuren
9	Dimensions	
10	Protection against electric shock	
11	Size and colour of protective earthing conductors	
12	Provision for earthing	
13	Terminals	
14	Interlocks	
16	General construction	
18	Construction plug and vehicle Connectors	
20	Degree of protection	
21	Insulation resistance and dielectric Strength	
22	Breaking capacity	
23	Normal operation	
24	Temperature rise	
25	Flexible cables and their Connection	
26	Mechanical strength	
27	Screws, current carrying parts and Connections	
28	Creepage distances, clearances Distance	
29	Resistance to heat, to fire and to Tracking	
30	Corrosion and resistance to Rusting	
31	Conditional short circuit current Withstand test	
32	Electromagnet compatibility	
33	Vehicle drive over	

Summary of compliance with National Differences (List of countries addressed):

☒ **The product fulfils the requirements of IEC 62196-2:2016 for use in conjunction with IEC 62196-1:2014 and IEC 61851-1:2017**