

**Technical Report No.: 028-713182551**

**Date: 2021-03-31**

**Client:** Easee AS  
Grenseveien 19  
4313 Sandnes  
Rogaland  
NORWAY

**Manufacturing place:** Jonas Helmikstol  
Norautron AS  
Nedre vei 8, Bygg 25  
3183 Horten  
NORWAY

**Test subject:** Product: EV Charging Robot  
Type: EV Charging Robot

**Test specification:** Partial test according DIN EN 60309-1:2013  
Clause 9; 10; 11; 13; 14; 15; 20; 21; 22; 23; 25; 26; 27; 29

**Purpose of examination:** • Partial - inspection according to the test specification

**Test result:** The test result show that the presented product is in compliance with the specific requirements.

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## 1. Description of the test subject

### 1.1 Function

Manufacturer's specification for intended use:

"We decided to develop a charger that could also be a smart energy device for the home."

Manufacturer's specification for predictive use:

Not part of test specification

### 1.2 Consideration of the foreseeable use

- Not applicable
- Covered through the applied standard
- Covered by the following comment
- Covered by attached risk analysis

### 1.3 Technical Data

AC 230V/400V (+-10%)

50/60 Hz

3P+N+PE

32A

IP34 (w/ cover)

## 2. Order

### 2.1 Date of Purchase Order, Customer's Reference

2020-02-11

### 2.2 Receipt of Test Sample, Condition, Location

2020-03-24 Munich, 2020-04-02 Frankfurt

### 2.3 Date of Testing            2020-04-17 – 2021-03-11

**TÜV Süd Product Service GmbH**

### 2.4 Location of Testing

**Frankfurt Branch**

Daimlerstraße 40

60314 Frankfurt am Main

Germany

### 2.5 Points of Non-Compliance or Exceptions of the Test Procedure

- None



## 3. Test Results

### 3.1 Positive Test Results

DIN EN 60309-1:2013 Clauses

9 Protection against electric shock

10 Provision for earthing

11 Terminals

13 Resistance to aging of rubber and thermoplastic material

14 General construction

15 Construction of socket outlets

20 Breaking capacity

21 Normal operation

22 Temperature rise

23 Flexible cables and their connections

25 Screws, current-carrying parts and connections

26 Creepage distances, clearances and distances through sealing compound

27 Resistance to heat, fire and tracking

29 Conditional short-circuit current withstand test

### 3.2 Points of Non-Compliance according to the test specification

None

## 4. Remark

The user manual has not been examined according. The manufacturer is responsible to fulfill the minimum requirements described in the product standard and for the accuracy of further particulars as well as of the composition and layout.

## 5. Documentation

- Photo documentation 028-713182551DOC\_GS\_D
- TRF 028-713182551TRF\_GS\_EN

## 6. Summary

*All requirements of the test specifications are met.*

## TÜV SÜD Product Service GmbH

Tested by:



SIGN-ID 482196

**Matthias Klement**

*printed name, function & signature*

Approved by:



SIGN-ID 488745

**Reinhold Hug**

*printed name, function & signature*