



PRODUCT-DETAILS

Terra AC W22-T-RD-MC-0

TAC-W22-T-RD-MC-0 Terra AC wallbox type 2, socket, 3-phase/32 A, MID certified, with RFID, display and 4G



| General Information           |                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------|
| Extended Product Type         | Terra AC W22-T-RD-MC-0                                                                                    |
| Product ID                    | 6AGC081281                                                                                                |
| EAN                           | 8719874450980                                                                                             |
| Alternative Product Reference | 3Q510000400A                                                                                              |
| Catalog Description           | TAC-W22-T-RD-MC-0 Terra AC wallbox type 2, socket, 3-phase/32 A, MID certified, with RFID, display and 4G |
| Long Description              | TAC-W22-T-RD-MC-0 AC wallbox type 2, socket, 3-phase/32A, MID certified, with RFID, display and 4G        |

| Technical                                  |                          |
|--------------------------------------------|--------------------------|
| EV Connectors                              | No cable outlet          |
| Number of Socket Outlets                   | (AC Type 2) 1 piece      |
| Output Power                               | Nominal 22 kW            |
| Output Voltage (U <sub>out</sub> )         | AC 3-phase 320 ... 480 V |
| Output Current Maximum (I <sub>out</sub> ) | AC 3-phase 32 A          |
| Connection Power                           | Nominal 22 kW            |

|                                                  |                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input Voltage (U <sub>in</sub> )                 | AC 3-phase 380 ... 420 V                                                                                                                                                                                                                                                                                                                          |
| Input Current                                    | 3-phase 32 A                                                                                                                                                                                                                                                                                                                                      |
| Frequency (f)                                    | 50 ... 60 Hz                                                                                                                                                                                                                                                                                                                                      |
| Number of Phases                                 | 3                                                                                                                                                                                                                                                                                                                                                 |
| Connection Configuration                         | TT, TN                                                                                                                                                                                                                                                                                                                                            |
| Number of RCDs Electric Vehicle Supply Equipment | Resid. Curr. Monitor                                                                                                                                                                                                                                                                                                                              |
| Number of Miniature Circuit Breakers (MCBs)      | Integrated bbreaker                                                                                                                                                                                                                                                                                                                               |
| Surge Suppression                                | Included                                                                                                                                                                                                                                                                                                                                          |
| Overvoltage Category                             | III                                                                                                                                                                                                                                                                                                                                               |
| Overload Protection                              | Overcurrent protection at 40 A                                                                                                                                                                                                                                                                                                                    |
| Cross-Section                                    | 6 ... 6 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                           |
| Ambient Air Temperature                          | Operation -30 ... +50 °C<br>Storage -50 ... +80 °C                                                                                                                                                                                                                                                                                                |
| Maximum Operating Altitude Permissible           | 2000 m                                                                                                                                                                                                                                                                                                                                            |
| Communication Interface                          | Wi-Fi<br>Ethernet<br>Bluetooth<br>Modbus<br>4G                                                                                                                                                                                                                                                                                                    |
| Communication Protocol                           | OCPP 1.6                                                                                                                                                                                                                                                                                                                                          |
| Load Management Method                           | OCPP - Based                                                                                                                                                                                                                                                                                                                                      |
| Authentication Method                            | RFID<br>App<br>Free Vending                                                                                                                                                                                                                                                                                                                       |
| Energy Meter Type                                | AC-MID                                                                                                                                                                                                                                                                                                                                            |
| Screen Size                                      | 3.5 in                                                                                                                                                                                                                                                                                                                                            |
| Enclosure Type                                   | indoor, outdoor                                                                                                                                                                                                                                                                                                                                   |
| Mounting Type                                    | Wall mounting                                                                                                                                                                                                                                                                                                                                     |
| Housing Material                                 | Plastic                                                                                                                                                                                                                                                                                                                                           |
| Degree of Protection                             | acc. to IEC 60529 IP54                                                                                                                                                                                                                                                                                                                            |
| Impact Resistance Rating                         | IK08                                                                                                                                                                                                                                                                                                                                              |
| Technical Information                            | Features: DC residual current detection<br>Contactor welding detection<br>Networkable via LAN<br>Networkable via Wi-Fi<br>Long-Term Evolution (LTE)<br>Static load management integrated<br>Suitable for dynamic load management<br>With Display<br>Operation and configuration by app<br>Export of charging logs<br>Backend included in delivery |

## Dimensions

|                            |                |
|----------------------------|----------------|
| Product Net Width          | 195 mm         |
| Product Net Depth / Length | 320 mm         |
| Product Net Height         | 110 mm         |
| Product Net Weight         | 3 kg           |
| Package Level 1 Units      | carton 1 piece |
| Package Level 1 Width      | 260 mm         |
| Package Level 1 Height     | 200 mm         |

|                                |                        |
|--------------------------------|------------------------|
| Package Level 1 Depth / Length | 400 mm                 |
| Package Level 1 Gross Weight   | 3.8 kg                 |
| Package Level 1 EAN            | 8719874450980          |
| Package Level 2 Units          | pallet (lift) 40 piece |
| Package Level 2 Width          | 830 mm                 |
| Package Level 2 Height         | 1150 mm                |
| Package Level 2 Depth / Length | 1130 mm                |
| Package Level 2 Gross Weight   | 168.5 kg               |

### Ordering

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Country of Origin                  | China (CN)                                |
| Customs Tariff Number              | 85371091                                  |
| Selling Unit of Measure            | piece                                     |
| Minimum Order Quantity             | 8 piece                                   |
| Order Multiple                     | 8 piece                                   |
| EAN                                | 8719874450980                             |
| ETIM 9                             | EC002883 - Charging device E-Mobility     |
| UNSPSC                             | 25175002                                  |
| IDEA Granular Category Code (IGCC) | 1311 >> Electric vehicle charging station |

### Additional Information

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| Declaration of Conformity - CE | 9AKK108467A2511                                                                                          |
| RoHS Status                    | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019                                   |
| WEEE Category                  | 5. Small Equipment (No External Dimension More Than 50 cm)                                               |
| Standards                      | EN 61851-1<br>EN 61851-23<br>EN 61000-6-2<br>EN 61000-6-3<br>EN 301 908-2<br>IEC 60721-3-2: IE23<br>RoHS |

### Categories

Electric Vehicle Charging → Home Charging Products, AC and DC Wallboxes and Chargers → Global AC Chargers

