

# Product datasheet

Specifications



Charging station, Schneider Charge Pro, 1P-3P, 1xT2S, 7.4-11-22kW, 16-32A, with MID, 4G modem and communication with TIC

EVB4S22N40MG

## Main

|                           |                                                                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Schneider Charge Pro                                                                                                                                                                                                 |
| product name              | Schneider Charge Pro                                                                                                                                                                                                 |
| Product or component type | Charging station                                                                                                                                                                                                     |
| Poles description         | 1P or 3P                                                                                                                                                                                                             |
| Mounting mode             | Wall-mounted<br>Pedestal mount                                                                                                                                                                                       |
| Mounting support          | Pedestal, to be ordered separately                                                                                                                                                                                   |
| Type of installation      | Indoor/outdoor                                                                                                                                                                                                       |
| Nominal output power      | 7.4 kW 32 A 230 V<br>11 kW 16 A 400 V<br>22 kW 32 A 400 V                                                                                                                                                            |
| Socket outlet type        | T2S                                                                                                                                                                                                                  |
| Socket number             | 1                                                                                                                                                                                                                    |
| Output type               | Socket-outlet T2 with shutter front face                                                                                                                                                                             |
| Access control system     | Free access<br>Badge MIFARE DESFire EV1<br>Badge MIFARE DESFire EV2<br>Badge MIFARE<br>RFID authentication card MIFARE DESFire EV1<br>RFID authentication card MIFARE DESFire EV2<br>RFID authentication card MIFARE |
| Quantity per set          | Set of 1                                                                                                                                                                                                             |

## Complementary

|                           |                                                                                                                                                                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Provided equipment        | 1 residual direct current detection device (RDC-DD) integrated<br>1 MID meter integrated<br>1 Wi-Fi module integrated<br>2 Ethernet interface module integrated<br>1 iMNX auxiliary contact integrated                                  |
| Protection device type    | Residual direct current detection device (RDC-DD) - 6 mA                                                                                                                                                                                |
| [Us] rated supply voltage | 220...240 V AC 50/60 Hz +/- 10 %<br>380...415 V AC 50/60 Hz +/- 10 %                                                                                                                                                                    |
| Earthing system           | TT<br>TN-S<br>TN-C<br>IT only between 220 VAC and 240 VAC                                                                                                                                                                               |
| Number of inputs          | 1                                                                                                                                                                                                                                       |
| Input type                | Auxiliary for dynamic energy management NO contact<br>Auxiliary for dynamic energy management NC contact<br>French electronic TIC electricity meter for dynamic energy management<br>Anti-tripping module for dynamic energy management |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                             |                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control type                | 1 white push-button                                                                                                                                                                                                                                                                                                                  |
| Local signalling            | On charge: LED (blue)<br>Error: LED (red)<br>Available: LED (green)<br>Start: LED (white)<br>Reserved: LED (orange)                                                                                                                                                                                                                  |
| Height                      | 418 mm                                                                                                                                                                                                                                                                                                                               |
| Width                       | 292 mm                                                                                                                                                                                                                                                                                                                               |
| Depth                       | 136 mm                                                                                                                                                                                                                                                                                                                               |
| Net weight                  | 4.3 kg                                                                                                                                                                                                                                                                                                                               |
| Colour                      | Black (RAL 9005)                                                                                                                                                                                                                                                                                                                     |
| Standards                   | EN/IEC 61851-1<br>EN/IEC 61439-7<br>IEC 62955<br>EN/IEC 61851-21-2<br>EN/IEC 61000-6-1<br>EN/IEC 61000-6-2<br>EN/IEC 61000-6-3<br>EN/IEC 61000-6-4<br>EN 301489-1<br>EN 301489-3<br>EN 301489-17<br>EN 301-489-52<br>EN 300328<br>EN 300330<br>ETSI EN 301 511<br>EN 301-908-1<br>EN 301-908-2<br>ETSI EN 301 908-13<br>EN/IEC 62311 |
| Product certifications      | CE<br>UKCA<br>EV Ready 2.0A                                                                                                                                                                                                                                                                                                          |
| Maximum supply current      | 32 A                                                                                                                                                                                                                                                                                                                                 |
| Communication network type  | Wi-Fi<br>Ethernet TCP/IP<br>4G                                                                                                                                                                                                                                                                                                       |
| Communication port protocol | OCPP 1.6J, for connection to CPO & CSMS<br>OCPP 1.6J, for connection to EVCE                                                                                                                                                                                                                                                         |
| Communication service       | JSON smart charging                                                                                                                                                                                                                                                                                                                  |
| MID energy meter            | With                                                                                                                                                                                                                                                                                                                                 |
| 4G modem                    | With                                                                                                                                                                                                                                                                                                                                 |

## Environment

|                                       |             |
|---------------------------------------|-------------|
| IP degree of protection               | IP55        |
| IK degree of protection               | IK10        |
| Ambient air temperature for operation | -30...50 °C |
| Ambient air temperature for storage   | -40...85 °C |
| Relative humidity                     | 5...95 %    |
| Operating altitude                    | 0...2000 m  |

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type of Package 1       | PCE |
| Number of Units in Package 1 | 1   |

|                              |            |
|------------------------------|------------|
| Package 1 Height             | 21.500 cm  |
| Package 1 Width              | 39.000 cm  |
| Package 1 Length             | 58.500 cm  |
| Package 1 Weight             | 6.934 kg   |
| Unit Type of Package 2       | P12        |
| Number of Units in Package 2 | 16         |
| Package 2 Height             | 100.000 cm |
| Package 2 Width              | 80.000 cm  |
| Package 2 Length             | 120.000 cm |
| Package 2 Weight             | 122.950 kg |

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint                               |                                                                                                                                                                                                                 |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 1                                                                                                                                                                                                               |
| Environmental Disclosure                              | <a href="#">Product Environmental Profile</a>                                                                                                                                                                   |
| Use Better                                            |                                                                                                                                                                                                                 |
| Materials and Substances                              |                                                                                                                                                                                                                 |
| <a href="#">EU RoHS Directive</a>                     | Compliant with Exemptions                                                                                                                                                                                       |
| REACH Regulation                                      | <a href="#">REACH Declaration</a>                                                                                                                                                                               |
| Use Again                                             |                                                                                                                                                                                                                 |
| Repack and remanufacture                              |                                                                                                                                                                                                                 |
| Circularity Profile                                   | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| WEEE                                                  |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |