

# Product Technical Sheet

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## 205.A62-DD

### PILLAR BE-A

Type 2 3P+N+E 32A 400V~ 22kW 63A 400V  
3P+N+E IP54 IK10

Product Approvals

| TECHDATA                |                              | STANDARDS AND LAWS                |  |
|-------------------------|------------------------------|-----------------------------------|--|
| Product type            | PILLAR BE-A                  | IEC 61439-7 (2018)                | [International Standard] Low-voltage switchgear and controlgear assemblies - Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicle charging stations |
| Commercial series       | BE-A Series                  |                                   |  |
| Version                 | PRO                          |                                   |  |
| Synthetical description | PILLAR BE-A                  | EN IEC 61851-1 (2019)             | [European Standard] Electric vehicle conductive charging system - Part 1: General requirements   |
| Material                | VARNISHED METAL              | DIRECTIVE LOW VOLTAGE 2014/35 /UE | [European Directives] Low Voltage Directive  |
| EV standard             | Type 2 3P+N+E 32A 400V~ 22kW | DIRECTIVE EMC 2014/30/UE          | [European Directives] Electromagnetic Compatibility Directive  |
| Rated current           | 63A                          |                                   |  |
| Rated voltage           | 400V                         |                                   |  |
| Working frequency       | 50/60Hz                      |                                   |  |
| Poles                   | 3P+N+E                       |                                   |  |
| Protection degree IP    | IP54                         |                                   |  |
| Working temperature     | -30°C/+50°C                  |                                   |  |
| Protection degree IK    | IK10                         |                                   |  |
| Colour                  | BRONZE                       |                                   |  |
| Saline solution         | Resistant                    |                                   |  |
| UV protection           | UV resistant                 |                                   |  |
| Mounting version        | ON TURRET                    |                                   |  |
| Dimensions              | 220x1466x300mm               |                                   |  |

|                                |                                      |
|--------------------------------|--------------------------------------|
| HMI (Human-Machine Interfaces) | LCD 2x20 char                        |
| User authentication            | RFID authentication                  |
| Connectivity                   | GSM                                  |
| Connectivity                   | Ethernet                             |
| Connectivity                   | WiFi                                 |
| Communication protocol         | OCPP 1.6 JSON                        |
| EV functions                   | INTERF. WITH OCPP CENTR. STAT.       |
| EV functions                   | PR. AGAI.DIR.CON.SF. CHILD SHUT      |
| EV functions                   | EN. MET. AND CURRENT CONSUMP.        |
| EV functions                   | IDENTIF. OF AUTHORIZED USER          |
| EV functions                   | MAN. OF LID LOCK. & LATCH. SYS       |
| EV functions                   | CHARGE MAN. IN CASE OF PWR OUT       |
| EV functions                   | WRK IN MODE STD-AL. FREE/PERS.       |
| EV functions                   | PREDISP. FOR SERIAL COMMUN.          |
| EV functions                   | WIRELESS CONNECTION TO WEB           |
| EV functions                   | CHARGE MODE 3 WITH PWM C.PILOT       |
| EV functions                   | ID. OF CONNECTED CORD-SET SIZE       |
| EV functions                   | PR. AGAIN.OVERCUR. & EL. SHOCK       |
| EV equipment                   | 2 READERS RFID 13,56MHZ              |
| EV equipment                   | 2 CONTROL CARDS                      |
| EV equipment                   | 1 BASE WITH SEPARATION CHAMBER       |
| EV equipment                   | 1 TERMINAL STRIP 5X35MM <sup>2</sup> |
| EV equipment                   | 1 MAIN SWITCH 4P 80A                 |
| EV equipment                   | 2 CI.BRK. 3P+N C40 30MA IST. A       |
|                                |                                      |

|                   |                                   |
|-------------------|-----------------------------------|
| EV equipment      | 2 MOD. CONTACT. 4P 40A<br>24VDC   |
| EV equipment      | 1 POWER SUPPLY 24VDC<br>36W       |
| EV equipment      | 2 STOP CHARGE P.BTN<br>(M. FREE)  |
| EV equipment      | 2 SOCKETS FR. LOC.WITH<br>RGB LED |
| EV equipment      | 1 L.SER.WIR. W. OCPP 1.6<br>J PR. |
| EV equipment      | 1 ROUTER WI-FI/4G                 |
| EV equipment      | 1 BACKUP BATTERY                  |
| EV equipment      | 2 DIG. ENER. MET. MID<br>3P+N 80A |
| EV equipment      | 1 FUSE HOLDER 1P+N GG<br>4A       |
| EV equipment      | 2 DC LEAKAGE<br>DETECTORS         |
| EV equipment      | 2 LCD DISP. 2X20 ROWS<br>BCKLIGHT |
| EV specifications | 205.A62-DD                        |