

AMTRON® COMPACT

WALLBOX FOR ELECTRIC VEHICLES

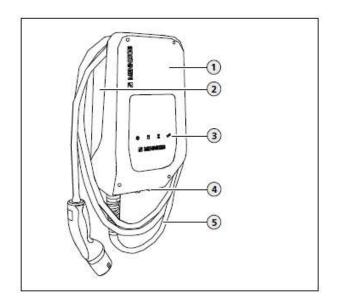


MENNEKES AMTRON® designed for private use

Product features

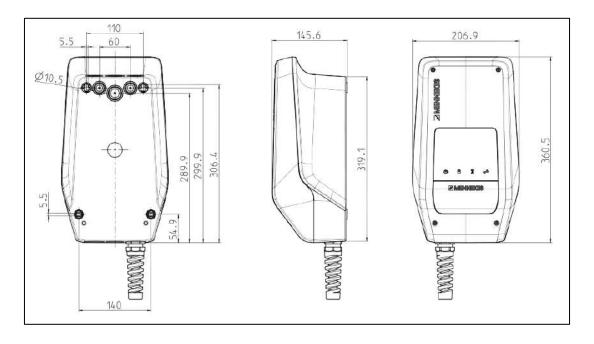
- Overall
 - Mode 3 charging acc. to IEC 61851
 - Vehicle connector acc. to IEC 62196
 - Permanently connected charging cable with type 2 connector (5 m length)
 - Charging power up to 3,7 kW (1ph) / 11 kW (3ph)
 - Status information through LED info bar
 - Integrated cable suspension
 - Ready wired for installation
- Functional range
 - Potential-free input for external authorization <u>or</u> for downgrading the charging power for simple load management (adjustable to 0A-6A-8A-10A-13A)
 - Temperature monitoring
 - Sleep mode for reduced Stand-By consumption (about 1 W)
- Personal, line and overvoltage protection
 - DC leakage detection > 6 mA
- Enclosure
 - Enclosure made of AMELAN[®]
 - Cable entry from above, below and rear

Assembly



- 1. Upper housing
- 2. Housing base
- 3. LED-info bar
- 4. Cable entries from above, below and rear
- 5. Charging cable type 2

Dimensions [mm]



Technical data

| Usage ACSEV | 5 | |
|---|--------------------------|--|
| Rated Current I _{hA} [A] 16 Max. backup fuse [A] 16 Max. charging capacity mode 3 [kW] 3,7 / 11 Rated current of charging point mode 3 I _{nc} [A] 16 - 1ph / 3; Terminal strip supply line Nominal cross section Rated cross section rigid 5 x 6 mm; Rated insulation voltage U _i [V] 600 Rated insulation voltage U _i [V] 500 Rated short circuit current lcc[kA] 10 Rated diversity factor RDF 1 Earth system (IT only permitted under certain c manual) EMC classification B Protection class II Degree of protection IP 44 : device protection IP 54 : housing prote 3 Setting up 3 Setting up indoor or out Condition of installation stationary equing Usage ACSEV | | |
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| Condition of installationstationary equipUsageACSEV | | |
| Usage ACSEV | loor | |
| | stationary equipment | |
| Mounting mothod | | |
| Mounting method wall mounted | ed | |
| Dimensions H x W x D [mm] 361 x 207 x | 46 | |
| Cable entry top, bottom, | ear | |
| Weight [kg] 4,7 | | |
| Standard DIN EN 61851-1, DIN IEC | C / TS 61439-7 | |

| Environmental conditions | |
|-------------------------------------|-----------------------------|
| Ambient air temperature | -25+40 °C |
| Average temperature within 24 hours | < 35 °C |
| Altitude | Max. 2000 m above sea level |
| Relative humidity | Max. 95 % (non-condensing) |



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