Duo Wallcharger Nuvia

Version 20260430

Specifications

General characteristics

Reference number	810212001 / 810222002 / 810222001 / 810222004 / 810222003
Reference number (Eichrecht)	810212003
Dimension H x W x D (mm)	800 x 220 x 200
Casing material	Steel 2,2 mm
Standard colour	Body: RAL 9016 / Cover: RAL 9016
Surface treatment	Anti-corrosion (KTL) and powder coating
Weight (kg)	21kg excluding cables
Number of charging points	2
Socket	Type 2
Cable	Type 2

Electrical characteristics

Power output per socket	0 to 22 kW
Operating voltage (Ue) / Rates current (In A) for the charger	Single-phase cabling, phase + N 230V~ from 0 to 63A (determined at 20°C) Three-phase cabling, 3 phases + N 400V~ from 0 to 63A (determined at 20°C)
Operating voltage (Ue) / Rates current (In A) per charge point	Single-phase cabling, phase + N 230V~ from 0 to 32A (determined at 20°C) Three-phase cabling, 3 phases + N 400V~ from 0 to 32A (determined at 20°C)
Impulse voltage (Uimp)	4kV
Insulation voltage (Ui)	230V single-phase, 500V three-phase
Frequency (fn)	50Hz/60Hz
Rated voltage	1 phase + N: 230V - 3 phases + N: 400V
Voltage tolerance (V) regardless of vehicle requirements	195V - 265V
Integrated protection system per charge point	Fuse type gG 32A + RCD 63A 30mA Type B
Conditional short-circuit	100kA IEC/EN 60898-1
Allowable thermal stress in Short Circuit	16 000 A^2s
Connection to the mains	Phase/Neutral, rigid cable, 2.5 to 16 mm^2, screw terminals H07 V R/U Earth, rigid cable, 2.5 to 25mm^2, screw terminals H07 V R/U
Type of load	Mode 3 charging terminal equipped with a locking system for Mode 3

Vehicle connection Mode 3 connector socket	Type 2 3P+N (single-phase compatible) with pilots compliant with IEC 62191-1 and IEC 62196-2. Use only a manufacturer-approved plug with silver-plated contacts. Use of extension and adapter prohibited. .
Vehicle connection Mode 2 connector socket	Type E/F domestic 2P+E (16A-250V) depending on the local regulation Use of extension and adapter prohibited.
Vehicle connection Mode 3 attach cable connector	Type 2 3P+N (single-phase compatible) with pilots compliant with IEC 62191-1 and IEC 62196-2. Use of extension and adapter prohibited. 810222002: 4m coiled 810222001: 4m straight 810222004: 6m straight 810222003: 8m straight
Phase rotation on channel 2 (Rightside).	In the case of monophase cabling (Ph+N) on the power source. Channel 2 will not be able to start charging sessions, until the phase rotation between contactor and socket are manually undone.
AC meters	MID certified, Class B according to EN 50470-1, -3
Back office protocol	OCPP 1.6J, 2.0.1 and OCPP 2.1-ready
Positioning	GPS
Connectivity Ethernet	RJ45 connector

Environment

Operating temperature	-25°C / +50°C
Storage temperature	-25°C / + 80°C
Relative humidity	0 to 90% without condensation
Protection rating	IP 54 (IEC 60529), IK 10 (EN 62262) Plugged in or not
Noise level	< 40 dBA at 1m
Product	IEC 61851-1, IEC TS 61439-7 (AEVCS)

Installation	Interior or exterior, limited access zone, intended for use by ordinary persons (DBO), assembly in cabinet (wall mounted), Pollution Degree 3, TNS, TT,compatible earthing system. In the event of an IT earthing system, this can be changed locally by adding an isolation transformer.
Electrical safety	Class 1 IEC 61140

Compliancy

European standards	EMC 2014/30/EU, LVD 2014/35/EU, RoHS 2011/65/EU and RED 2014/53/EU
Radio technology type	GSM 2G/3G/4G, GPRS, RFID
Suitable charging cards	Mifare, Ntag and iCODE SLI cards

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