



Duo Wide

Specifications

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A brand of **legrand**

General characteristics

Reference number	65000003 / 6510201 / 65024202 / 65025204 / 6502301 / 65025303 / 65004410
Reference number (Eichrecht)	65458061
Reference number (FR)	65293702 / 65293704
Dimension H x W x D (mm)	1400 x 360 x 240
Casing material	Steel 2,2 mm
Standard colour	Body: Ral 6018 / Cover: Ral 9016 for 65458061 / 65293702 / 65000003 / 65293704 / 65004410 Body: Ral 7011 / Cover: Ral 7011 for 6510201 Body: Ral 7016 / Cover: Ral 7016 for 6502301 / 65025303 Body: Ral 7042 / Cover: Ral 9016 for 65025204
Steel treatment	Anti-corrosion (KTL) and powder coating
Weight (kg)	45kg for 65458061 / 65293702 / 65000003 / 65293704 / 6510201 / 65024202 / 65025204 / 6502301 / 65025303 49kg for 65004410
Number of charging points	2
Socket	Type 2
Cable	Type 2

Electrical characteristics

Power output per socket	0 to 44kW for 65004410 (version 2x44KW with cable) 0 to 22 kW for 65458061 / 65293702 / 65000003 / 65293704 / 6510201 / 65024202 / 65025204 / 6502301 / 65025303
Operating voltage (Ue) / Current rates (In A, In C)	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 on charging station	Main switch 125A
Integrated protection system per charge point	MCB 40A curve C RCD 40A 30mA Type B
Conditional short-circuit	6000A IEC/EN 60898-1 10kA IEC/EN 60947-2
Allowable thermal stress in Short Circuit	16 000 A ² s
Connection to the mains	Phase/Neutral, rigid cable, 2.5 to 35 mm ² , screw terminals H07 V R/U Earth, rigid cable, 2.5 to 35mm 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 (65458061 / 65293702 / 65000003 / 65293704 / 6510201 / 65024202 / 65025204 / 6502301 / 65025303)	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 attache cable connector (65293702 / 65293704)	Type E/F domestic 2P+E (16A-250V) depending on the local regulation Use of extension and adapter prohibited.
Vehicle connection Mode 3 attache cable connector (65004410)	Type 2 3P+N (single-phase compatible) with pilots compliant with IEC 62191-1 and IEC 62196-2. Use of extension and adapter prohibited. 65004410: 10m straight 3x63A
AC meters	MID certified, Class B according to EN 50470-1, -3
Back office protocol	OCPP 1.6 Json
Positioning	GPS
Connectivity Ethernet	RJ45 connector for 65458061 / 65293704

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

Electromagnetic compatibility

European standards	Low Voltage Directive 2014 / 35EU / EMC Directive: 2014 / 30 / EU
Radio technology type	GSM 2G/3G/4G, GPRS, RFID
Suitable charging cards	Mifare, Ntag and iCODE SLI cards (more info)



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