

Payment Terminal









Mounting pole with AFIR-compliant payment terminal

The Payment Terminal is perfect for charging stations in hotels, restaurants or public car parks. The payment terminal integrated into a mounting pole is equipped with a high-performance Payter terminal that enables contactless payment for charging. An integrated SIM card ensures smooth communication between the charging station and the payment terminal via the back-end. The Payment Terminal features a compact metal housing with integrated base plate and a maintenance door at the rear. On the inside, an additional top-hat rail is available for further internal components, as well as a C-rail for installing a strain relief for the supply cable. To ensure the payment terminal is stable, ABL recommends installing it on the optionally available prefabricated concrete foundation for the POLE Slim mounting pole (100000238).



Product number 100000511

Product advantages

 AFIR compliant	 Integrated LTE antenna
 Contactless payment	 Rear door for easy maintenance
 Expandable system with the option of connecting an unlimited number of charge points	 Overvoltage protection
 Cloud-to-cloud backend connection	 IP55 and IK07

General information

Model	Mounting pole with integrated AFIR-compliant payment terminal
Product number	100000511
EAN number	4011721194394
Commodity code	84719000
Packaging unit (PU)	1 unit
Dimensions of packaging unit (H×W×D)	1,400 × 220 × 220 mm
Weight of packaging unit	Approx. 16.5 kg
Items supplied	Payment terminal, SIM card, safety instructions, instructions for surge arrester, housing key

Connections

External power supply	For supply cable sizes up to 3 x 2.5 mm ²
Rated voltage (power supply)	230 V
Rated current (power supply)	16 A
Rated frequency	50 Hz

Integrated components

Card reader	Payter Apollo, contactless
Power supply	24 V power supply unit and miniature circuit breaker (6 A, 2-pole, type C tripping characteristic) on upper top hat rail
Overtoltage protection	Surge arrester, 2-pole
Communication	Integrated modem with separate LTE mobile antenna; LAN (RJ45), USB-C
Mounting rails	2 x top-hat rails (150 x 35 mm), 1 x C-profile rail (120 x 35 mm)

Payment system

Supported protocols	EMVCo. L1 v3.0 certified; ISO14443 Type A & B (T=CL); Mifare Classic; Desfire; ISO18092: NFC support
Supported standards	American Express, Apple Pay, Diners, Discover, Google Pay, Maestro, MasterCard, Samsung Pay, TROY, VISA

Standards / directives

2014/53/EU

2011/65/EU

Operating conditions

Storage temperature	-30 to 85°C
Operating temperature	-30 to 40°C
Relative humidity	5 to 95%, no condensation
Class of protection	I
Degree of protection (housing)	IP55
Impact resistance	IK07
Corrosion protection class	C3
Maximum elevation	≤ 2,000 m above mean sea level

Housing

Type	Metal mounting pole with integrated base plate, mounted PMMA (acrylic) cover and rear maintenance door
Fixing type	Screw connection into optionally available foundation 100000238 (installation kit supplied with the foundation)
Material	Stainless steel sheet (1.4016)
Finish	Fine-textured, satin powder coated
Colour	RAL 9011
Locking mechanism	Cam lock, double bit, 3 mm mandrel
Dimensions of body (H×W×D)	1,342 × 180 × 120 mm
Dimensions of base plate (H×W×D)	5 × 200 × 200 mm
Weight (net)	Approx. 15.7 kg

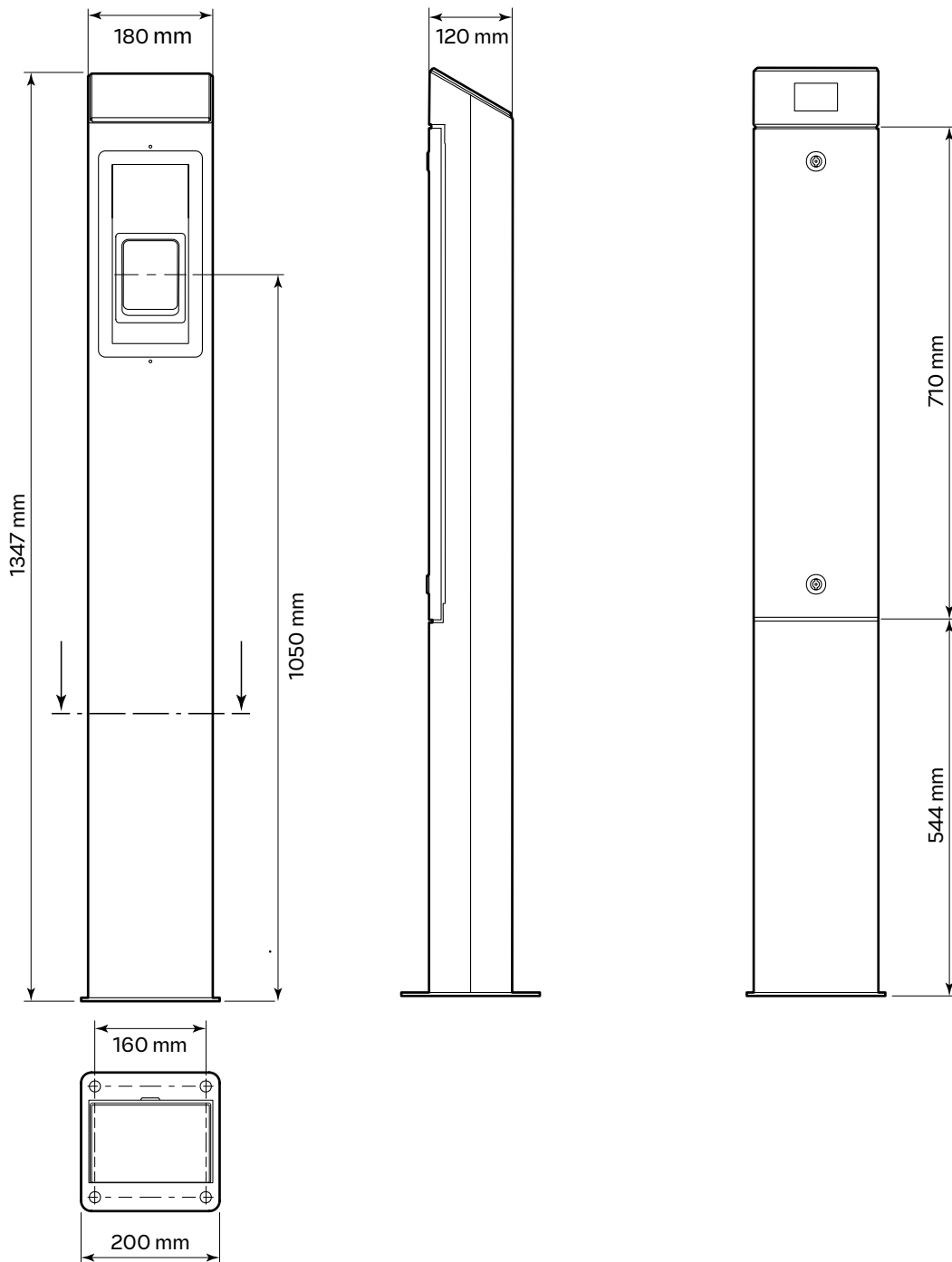
Optional accessories

POLE Slim concrete foundation	100000238
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Compatibility

Charging systems	All OCPP-compatible charging stations (regardless of manufacturer)
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Dimensioned drawing



Subject to change: All performance characteristics, technical and other specifications are subject to change without prior notice.

Revision status ABL_WBX_100000511_EN_c, 11/24

ABL GmbH · Albert-Büttner-Straße 11 · D-91207 Lauf / Pegnitz · Tel. +49 (0) 9123 188-0 · info@abl.de · www.abl.de · www.ablmobility.de

Wall Box Chargers S.L.U. · Carrer del Foc, 68 · 08038 Barcelona · Spain · www.wallbox.com