

Product data sheet

Version 06/2024

Smart Box

Energy management
Installation set for DIN rail

Versions

Description

Smart Box 3
phase; cloud based

Item No.

00010247



Supply voltage	230 V AC, Integrated power supply from the voltage measurement path
Consumption	approx. 3,7 W
Current range	0-400 A; 1-3 phase (contactless with current transformer)
Clamp diameter	32 mm
Precision	Class 1 (when using the foldable current transformers included in the scope of delivery)
Measured variables	Current, voltage, current direction, active/reactive/apparent power, fault currents, Load on the neutral conductor, phase shift, frequency
Ambient temperature	-0...+50°C, 5.. 90 % rH non-condensing
Pollution level	2
Protection class	IP20
Interface	LAN
Output interpreter	eLMS
Housing (W/H/D)	107 x 90 x 48 mm
Division units	6DU
Packaging	Carton / 1 Piece
Maße L/B/H	294 / 183 / 85 mm
Shipment weight	1,95 kg

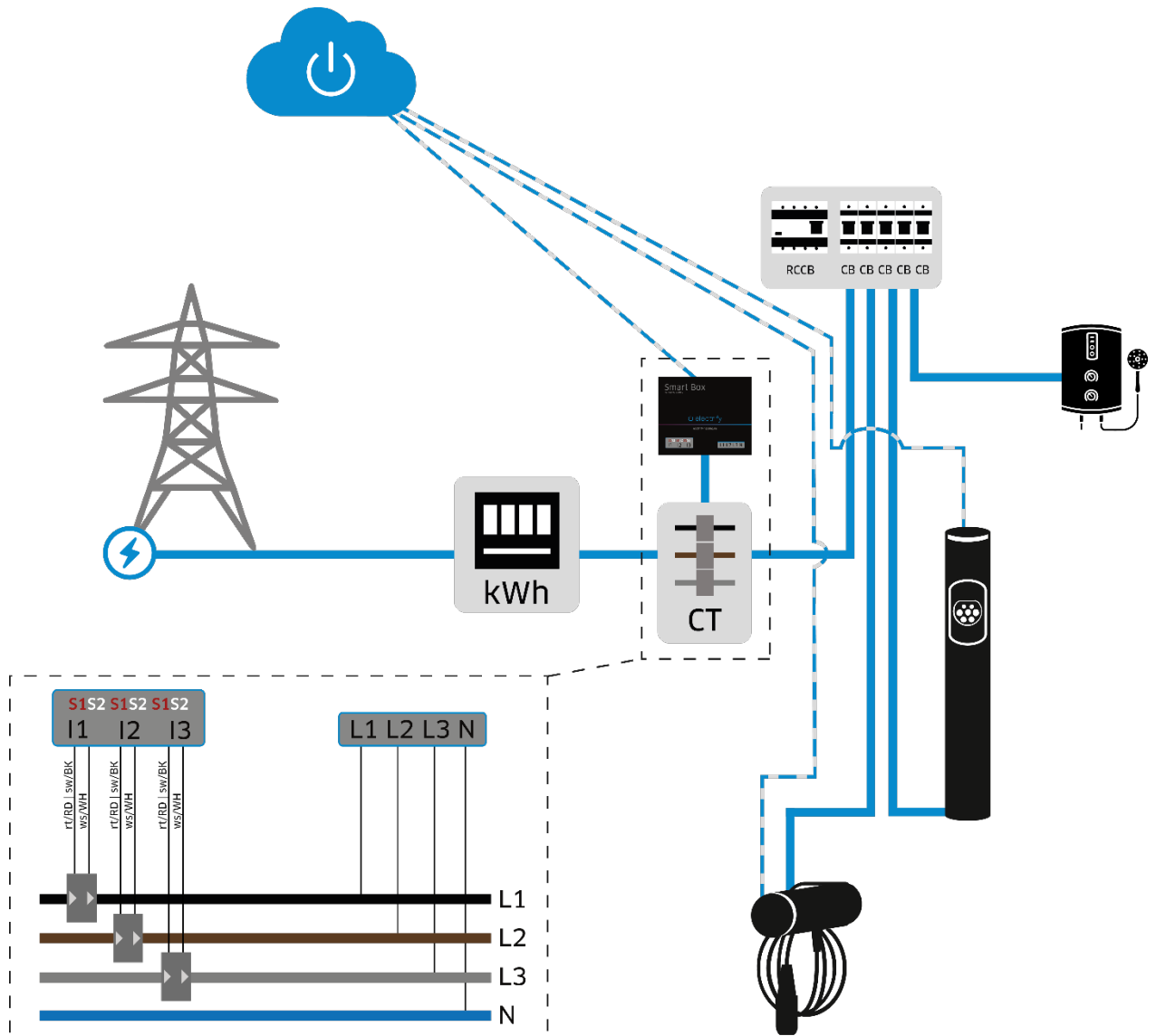
Smart Box

Application examples

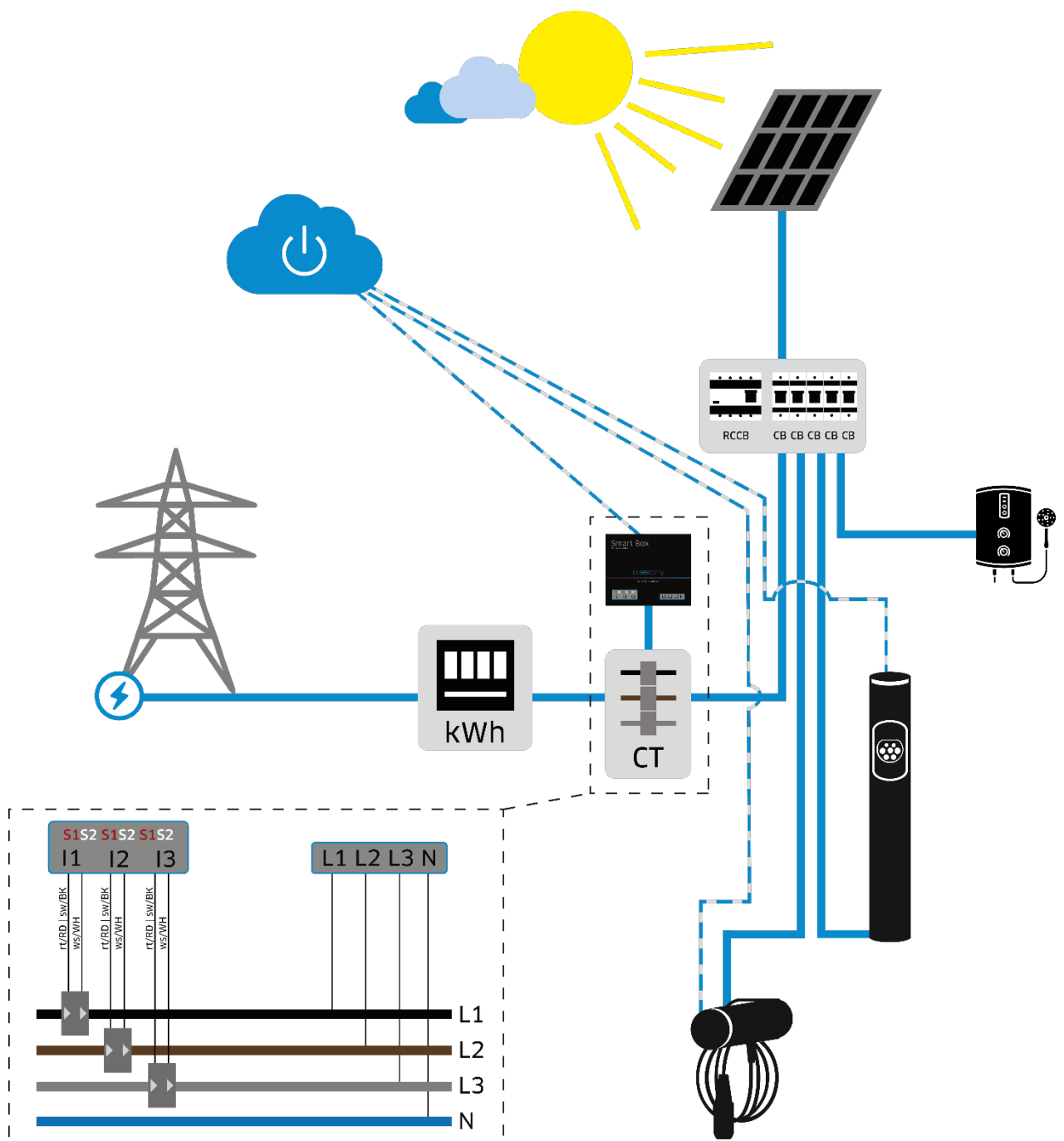
The Smart Box is used for dynamic load measurement or PV surplus detection in an intelligent energy management of individual charging points or a charging group.

After integration into the electrify charging management system (eLMS), the Smart Box can be configured for a wide range of scenarios.

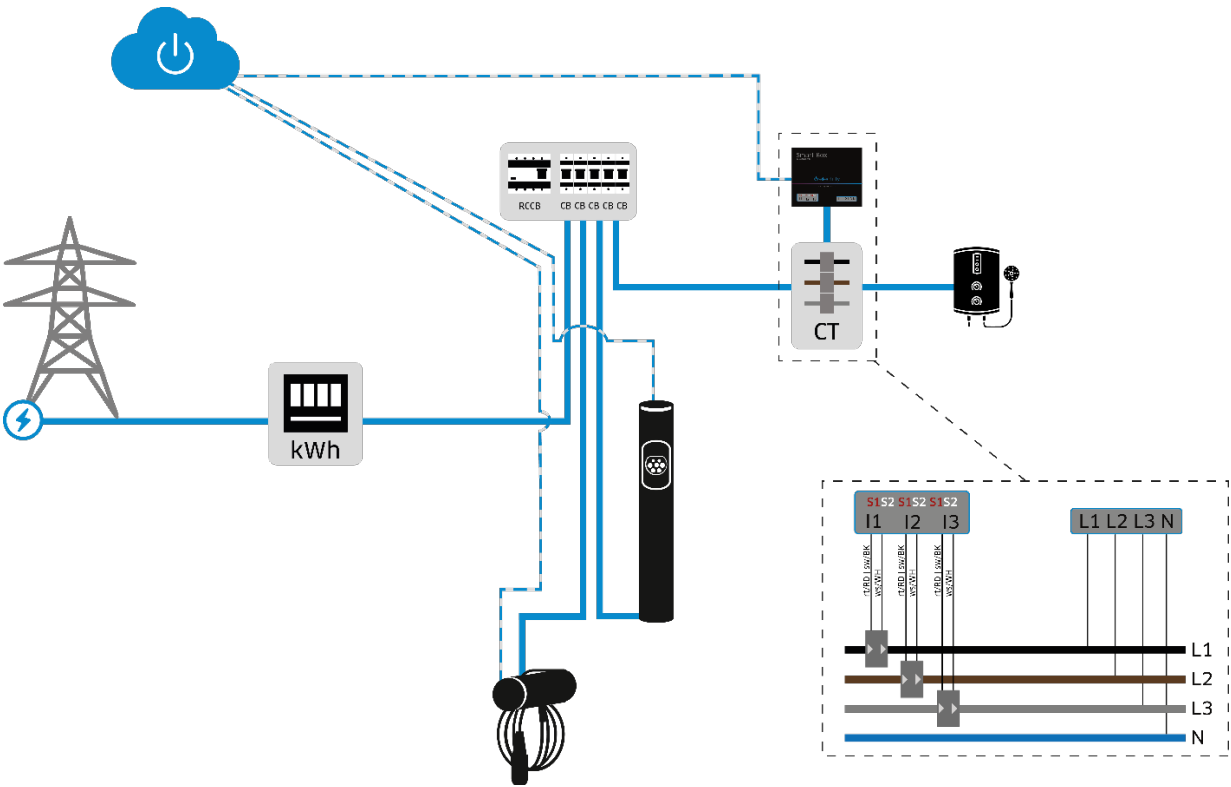
Dynamic load measurement



PV surplus



External consumer



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Erros and changes exepted

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eLMS -> electrify Chagemanagementsystem (Backend)

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