Data Sheet

SMART CONNECT KNX
e-charge II

Product		Order number	VE	PP
	SMART CONNECT KNX e-charge II DRA, TP1	1-000F-003	1	1

Technical data

Rated voltage:	DC 24 V to 30 V
Power consumption:	2.3 W (24 V DC external supply)
Ambient temperature:	0 °C to +45 °C
KNX communication:	KNX/TP, S-Mode
KNX medium:	TP1-256
IP communication:	Ethernet 10/100 BaseT
Connections:	2x RJ45 (integrated switch)
	Connection and branching terminals for KNX and 24 V
Dimensions:	2 HP (DRA plus)

Information

Via the SMART CONNECT KNX e-charge II, charging points, solar inverters and solar storages can be integrated into the KNX system. You can find a list of compatible models on our product page.

Features:
- Integration of five charging points per device
- Charging points of different manufacturers can be used at the same time
- State values of charging points: Consumption values (current, power, energy, last charge and duration), states (connected, charging, charging completed, charging point state), start/stop and interrupt charging process, temperature value and temperature warning, information such as vehicle ID (EVCCID) and RFID tag
- Integration of five solar inverters per device
- Solar inverters of different manufacturers can be used at the same time
- State values of solar inverters: Yield value (power, energy), temperature
- Integration of one solar storage per device
- State values of the solar storage: Current power and energy values (charging/discharging), state of charge (SoC)
- Static load management (SLM) integrated
- Dynamic load management (DLM) integrated
- Grid-supporting control
- Integrated unbalanced load management
- Prioritisation of charging points (switchable at runtime)
- Various charging strategies (Immediate, ECO)
- Boost (fast charging)
- Phase switching (1- or 3-phase charging)
- Fault messages from charging points, inverters, solar storage and device
- Integrated RS485 adapter and IP switch (2-gang)
- KNX Secure
- Completely configurable in ETS
- Extensions via firmware updates

The product may slightly differ from the illustration.

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