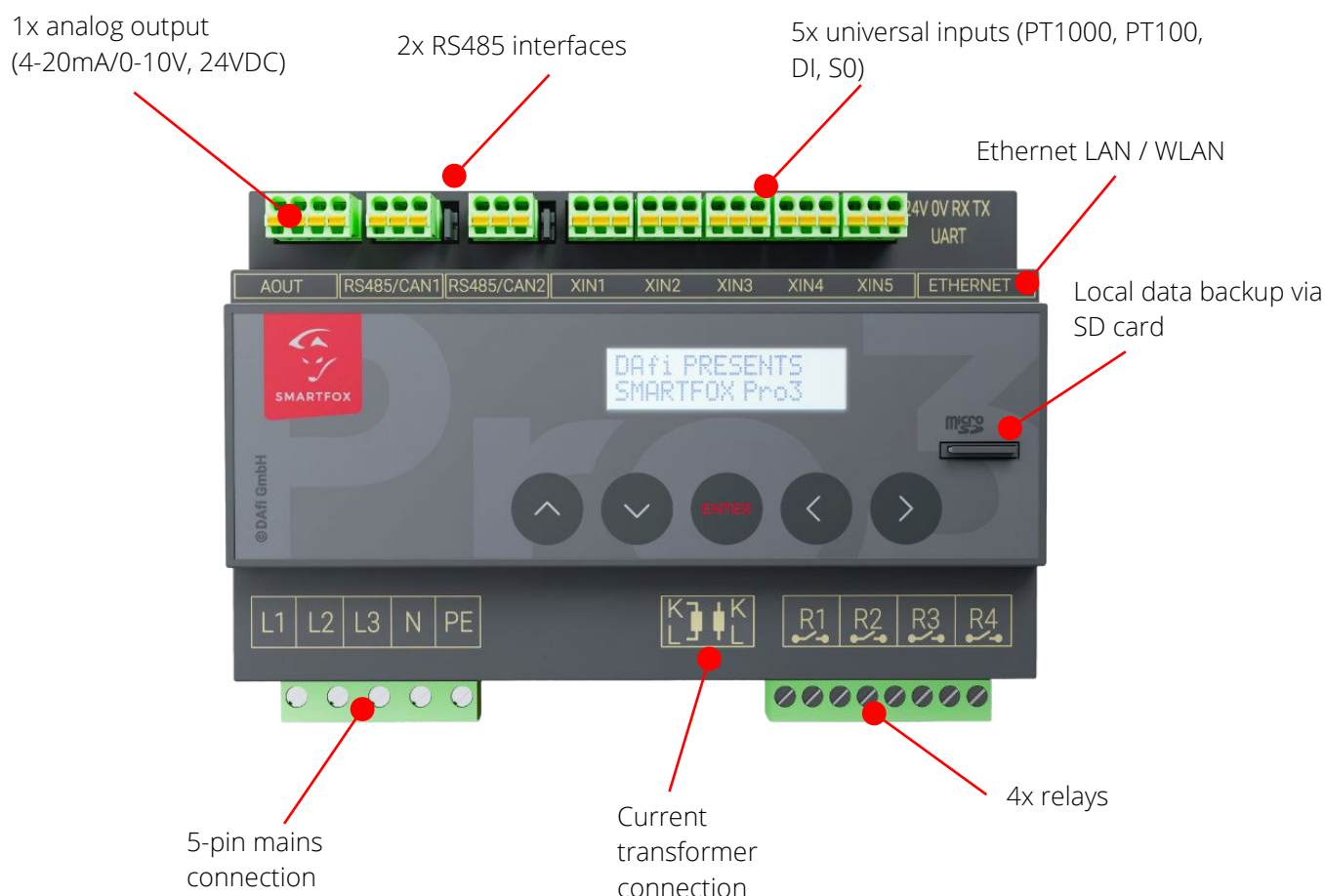


SMARTFOX

Pro 3 Energy Manager

Technical data sheet

The intelligent technology of SMARTFOX PRO automatically controls consumers within your home with surplus photovoltaic energy, thereby improving your self-consumption rate. SMARTFOX PRO means connectivity without restrictions. A wide range of connection options ensures maximum efficiency. An essential element in maximizing self-consumption is the use of devices such as boilers, heat pumps, electric vehicles, infrared heaters, and storage systems. SMARTFOX can be integrated into both new and existing systems. Use your energy more efficiently and contribute to a greener future!



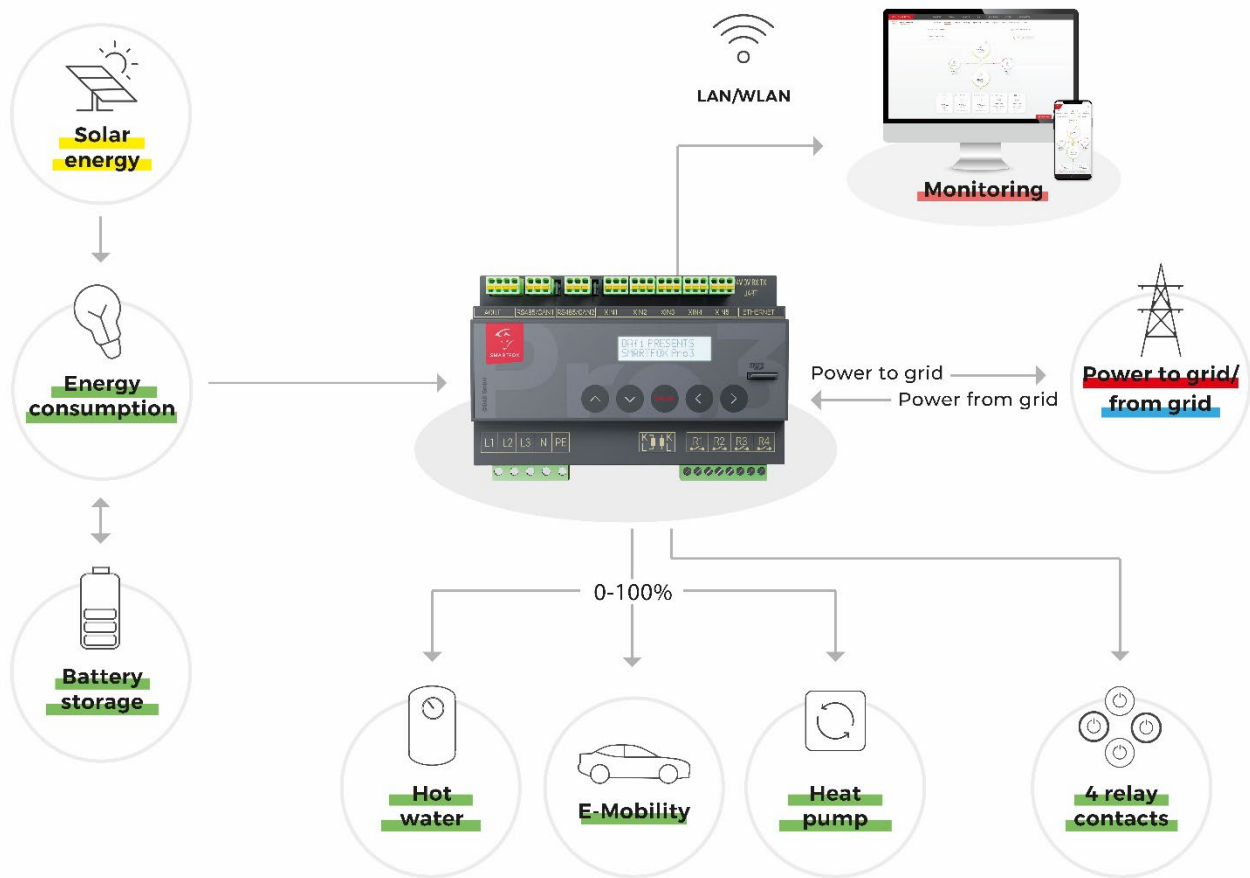
Product information

Technical data

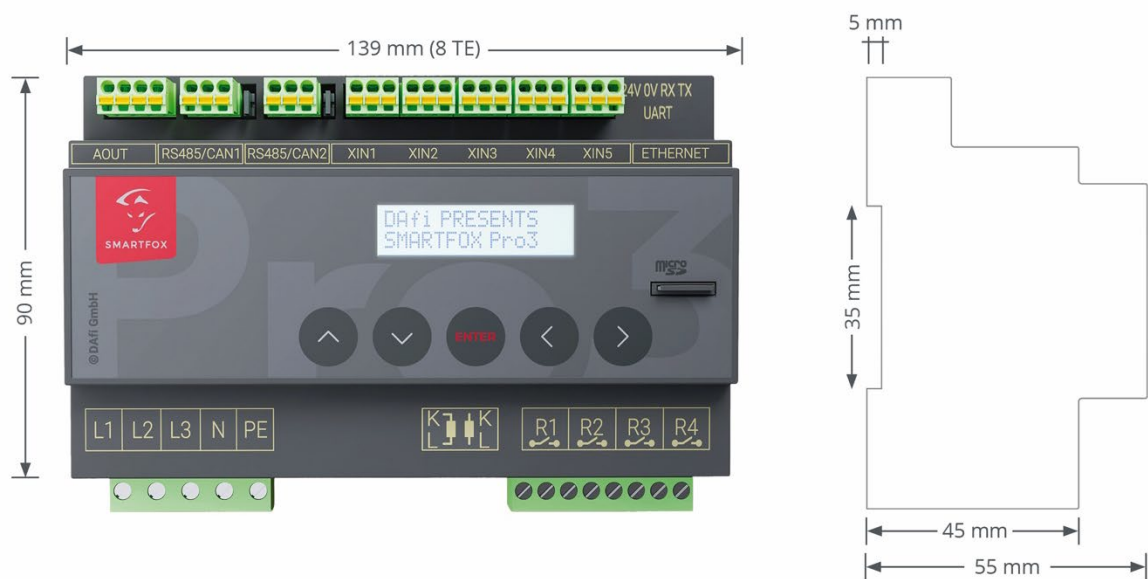
Item no.	0767523866451	0767523866468
Type	SMARTFOX Pro 3 Energy Manager incl. 80A current transformer	SMARTFOX Pro 3 Energy Manager incl. 100A current transformer
Nominal current of current transformer	80A	100A
Voltage	3x~ 230V / 400V, 50Hz	
Fuse	RCD(FI) + LS 3B6	
Standby consumption	3-4W	
Continuous overload	max. 265V AC	
Surge overload	1000V AC, 65µs	
Switching capacity relay	5A / 230V AC (approx. 1.1kW) *purely ohmic load	
Scope of delivery	1x SMARTFOX Pro 3 energy manager 1x Micro SD card 1x Micro SD to SD adapter 1x Instructions 1x 3-phase 80A or 100A current transformer	
Current transformer	80A	100A
Transformer core design	Closed	Divisible
Feed-through measuring conductor	ø 14 mm	ø 16 mm
Connection cable	150cm	185cm
Measurement tolerance	Class 0.2	Class 1
Plug connection	RJ12, 6-pin	RJ12, 6-pin
Optional measuring transducer extension	Measuring transducer extension 15 m incl. RJ12 plug & connector, 6-pin Item no. 0791732486520	
Optional additional current transformer	Current transformer 200/5A separable Item no. 0791732486490	Current transformer 500/5A separable Item no.
Mounting	DIN rail TH-35 (8TE)	
Connection housing		
Material	Plastic	
Protection class	IP20	
Electrical connection	1x 5-pin plug (nominal cross-section 1.5 mm²)	

Relay outputs	4x 2-pin plug (nominal cross-section 1.5 mm ²)	
Analog output	1x 4-pin connector (connection max. 1 mm ²)	
Universal interface	5x 3-pin plug (max. connection 1 mm ²)	
RS485-1 / RS485-2	2x 3-pin plug (max. 1 mm ² connection)	
Terminating resistor RS485	2x jumper RS485 terminating resistor 120 ohms	
UART interface	1x 4-pin socket (for future use)	
Micro SD card slot	Local data storage via SD card	
Current transformer connection	RJ12 socket	
Ethernet connection	RJ45 socket	
Interfaces	2x RS485/CAN, 1x analog output (4-20mA / 0-10V / 24VDC) 5x universal interface (PT1000, PT100, digital inputs, S0), 1x UART	
Network interfaces	LAN Ethernet	WLAN
Display	2-line display	
Languages	DE, EN	
Operation	5x navigation keys	
Setup	Web interface, app, Wi-Fi access point, via navigation buttons	
Dimensions of energy manager	L 139 mm (8 TE) x W 90 mm x H 55 mm	
Packaging dimensions	L 193 mm x W 188 mm x H 108 mm	
Energy manager weight	327 g	
Weight including accessories & packaging	597 g	812
Temperature range (during operation)	Ambient temperature 10-45°C	
Humidity (during operation)	5-95% non-condensing	
Monitoring & remote control	Web portal my.smartfox.at / APP / locally via web interface / display	
Certificates, standards	CE, EN 60335-1EN IEC 55014-1:2021, EN IEC 55014-2:2021, EN IEC 61000-3-2:2019, EN 61000-3-3:2013 + A1:2019 + A2:2021 + A2:2021/AC:2022 (for all standards and certificates, see Declaration of Conformity)	

Function overview



Dimensions





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