



SMARTFOX

SMARTFOX contactor for charging station - Automatic 1 p h / 3 p h switching

Contactor for implementing automatic SMARTFOX 1-phase/3-phase switching at charging stations (SMARTFOX Car Charger, Keba Wallbox, BMW Wallbox, Wallbe Wallbox, and many more). SMARTFOX starts charging at 1.3kW surplus in 1-phase mode, switches to 3-phase charging at 4.3kW surplus and regulates dynamically depending on the surplus energy.

Thus, a higher utilisation of the photovoltaic electricity is achieved and enables charging even on energetically bad days.

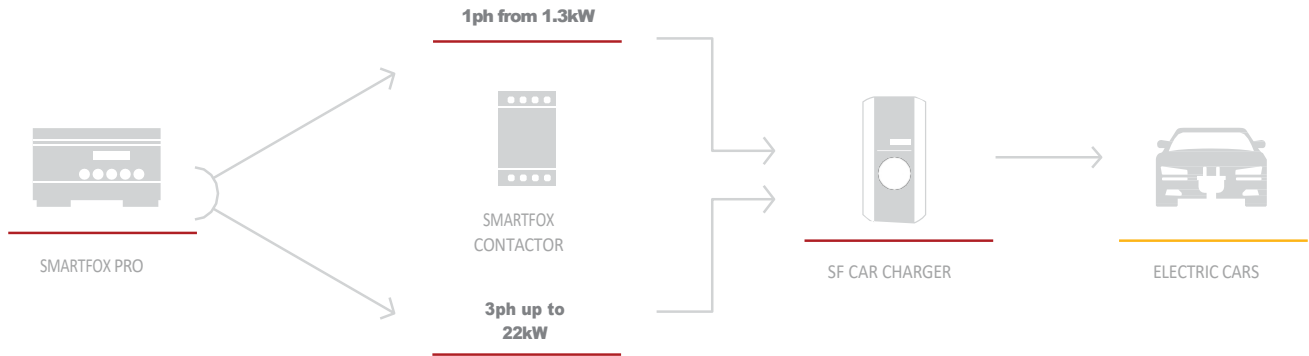


"SMARTFOX contactor for charging station 1ph/3ph switching

ArtNo. 0767523866222

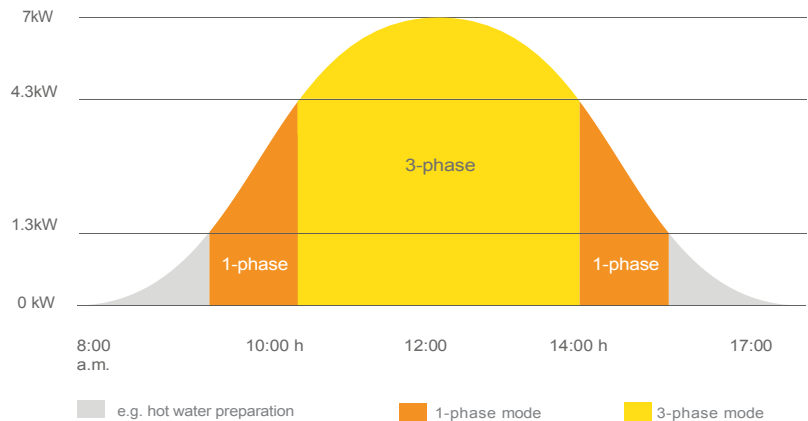
TECHNICAL DATA

Contacts Rated	3 NO
operating current Ie	contact 40A
Control circuit	AC
voltage	220-240V AC 50Hz
Rated operational voltage Ue Rated	400V AC 50Hz
impulse withstand voltage Uimp Control	4kV Held
signal type	100 gear changes/day
Clock frequency	Action indicator
Displays on the unit	6.5VA 53VA
Holding power input Pick-up power	Rigid: 6...25mm ² Fine wire with ferrule: 6...16mm ² Rigid: 1.5...2.5mm ² Fine wire with ferrule: 1.5...2.5mm ² 54mm (3TE)
Main circuit connection	35mm symmetrical DIN rail
Control circuit connection	1000000 cycles
Width	100000 cycles IEC/EN 61095 40 A 50 Hz AC-7A
Mounting bracket Mechanical	IEC/EN 61095
life Electrical life Standards	IP20
Protection class	2
Degree of pollution	95% at 55°C
Relative humidity	2000M
Installation height	-5...60°C
Ambient temperature during operation EU RoHS Directive	Compliant



Switching is permitted for the following charging stations:

- SMARTFOX Car Charger
- Keba P30c Series
- Keba P30x Series
- ABB EVLunic Pro S
- ABB EVLunic Pro M
- BMW i WALLBOX PLUS
- BMW i WALLBOX CONNECT
- EATON xChargeIn S-Series
- EATON xChargeIn M-Series
- Wallbe Pro



Attention: Some vehicles are not suitable for 1ph/3ph switching.

Minimum charging power standardised according to IEC-61851. 1-phase = 6A ~ 1.4kW; 3-phase = 6A x 3 = 4.2kW