

Automatic off-grid switch for back-up power supply

Key Facts:

- Easy-to-connect design
- Manual switch accessible from outside
- Ready-to-use

Benefits:

- Uninterrupted power supply in grid parallel operation up to 43 kW/63 A
- Secure supply without high installation effort, even in case of grid failure (switching time approx. 3 seconds)
- Including integrated protection for inverter and FEMS box



SYSTEM

Back-up mode apparent power in VA	10,000	Dimensions (W D H) in mm	486 145.5 486
Nominal frequency in Hz	50 to 60	Operating altitude in m	<= 2,000
AC output power in V	400	Weight in kg	16
Back-up mode max. current in A	16.5	Overvoltage category (OVC)	I (protective conductor)
On-grid mode max. current in A	63	IP classification	20
Max. switchable current in A	63	Max. relative humidity in %	95
Back-up mode grid type	TN-S	Degree of pollution	2
Compatible grid types	TN-S and TT	Operating temperature in °C	-5 to 45
Grid connection	3L, N, PE	Place of installation	Indoors
Load connection	3L, N	Residual current monitoring required	TN-S
Max. value of grid-connection in A circuit breaker	63	Reaction time in s	At grid failure to back-up mode: approx. 3 From back-up mode to on-grid operation: approx. 3
Compatible systems	FENECON Home 6 FENECON Home 10		

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