



CONNECTION BOX SH-AIO3H-SZR

COMPATIBLE WITH AIO-3H UNITS BY THE FOXESS



Introduction

The SH-AIO3H-SZR connection box allows for quick installation of an emergency power supply in the customer's installation, and is designed for use with FoxEss 3H inverters. In the normal operating state of the network, all circuits are powered directly from the power system, including the emergency power supply circuits. During a grid failure, the system automatically switches over to emergency power from the inverter. The system ensures the energy independence of the circuits connected to the emergency exit.

Technical parameters

SH-AIO3H-SZR	
Compatibility	FoxEss AIO 3H 5.0-E - 10.0-E FoxEss H3 5.0-E – 12.0-E
Grid type	TN-S / TN-C-S
Backup energy circuit	Energy storage
Power of emergency circuit	Depends on inverter power
Grid parameter V	230/400
Rated frequency, Hz	50
Type of connection	3F + N
Time of network switching, s	$0.2 < t$
Time of backup switching, s	≈ 3 / depends on inverter power
Circuit breaker	K1/K2 63A
Protection class ip	65
Dimensions height/width/depth, mm	653 / 319 / 144
Weight, kg	6,08
Cable glands	5 x M25 1 x M16
Inverter EPS connector	Terminal block 10 mm ²
GRID connector and inverter transmitters	Terminal block 10 mm ²
Network input	Terminal block 10 mm ²
Guaranteed power connector	Terminal block 10 mm ²
Space for a matter	Yes
Operating temperature, °C	-20÷40

Connection diagram

