



CONNECTION BOX SH-H3PRO-SZR

COMPATIBLE WITH H3-PRO UNITS BY THE FOXESS



Introduction

The SH-H3PRO-SZR connection box allows for quick installation of an emergency power supply in the customer's installation, and is designed for use with FoxEss H3-PRO 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-H3PRO-SZR	
Compatibility	FoxEss H3-PRO 15.0 – 29.9
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

