



# SH-HWL1-SZR

COMPATIBLE WITH HUAWEI L1 SERIES INVERTERS



## Introduction

The Huawei L1 connection box for automatic switching on of the reserve enables constant powering of the loads of the single-phase emergency circuit. The switchgear is only compatible with Huawei L1 series inverters. Thanks to the switchgear with change-over automatics, the emergency powered circuits will be supplied both when the network is working properly and also in the event of its failure. The energy for powering the emergency circuits can come both from the energy storage connected to the inverter and from the instantaneous energy produced from photovoltaic modules.

## TECHNICAL PARAMETERS

SH-HWL1-SZR	
Compatibility	SUN2000 2-3,68 KTL L1
Grid type	TN-S / TNC-S
Backup energy circuit	Energy storage / PV generator
Grid parameter V	230
Rated frequency , Hz	50
Max output current of backup circuit , A	16
Max output current ,A	16
Type of connection	L + N
Switching time, s	≈ 2
Circuit breaker	K1/K2 25A
Residual current breaker with overload protection	RCBO B16 30mA
Operating temperature°C	-20÷40
Protection class IP	65
Dimensions height/width/depth, mm	384 / 319 / 144
Weight, kg	3,3
Cable glands	3 x M20 1 x M16
Inverter input connector	Terminal block 6 mm <sup>2</sup>
Network connection	Terminal block 6 mm <sup>2</sup>
Emergency connector	Terminal block 6 mm <sup>2</sup>
Communication connector	Terminal block 6 mm <sup>2</sup>

## Schemat przyłączeniowy

