

Halton Safe HSP – Power unit



Overview

Halton Safe HSP is part of the Halton fire and smoke safety offering.

Transformer is used to provide power to Halton Safe Link units. One unit can provide power to six Halton Safe HSL link units.

The supply power (230 V AC) comes to the primary coil. The secondary coil feeds power (24 V AC) to Halton Safe HSL link units.

Note: Do not connect a device that does not have its own fuse to the 24 V AC side of a Halton Safe HSP power unit. It is recommended that the cables between Halton Safe HSP power units and Halton Safe HSL link units have a cross sectional area of at least 2.5 mm².

Applications

- Controlling fire dampers and smoke detectors in buildings.

Key features

- Can provide power to six Halton Safe HSL link units
- Easy to install

Features and options

Feature	Description
Primary coil	230 V AC / 50-60 Hz
Primary coil fuse	2A glass tube fuse, 5×20 mm
Secondary coil	24 V AC
Maximum power	260 VA

Structure and components

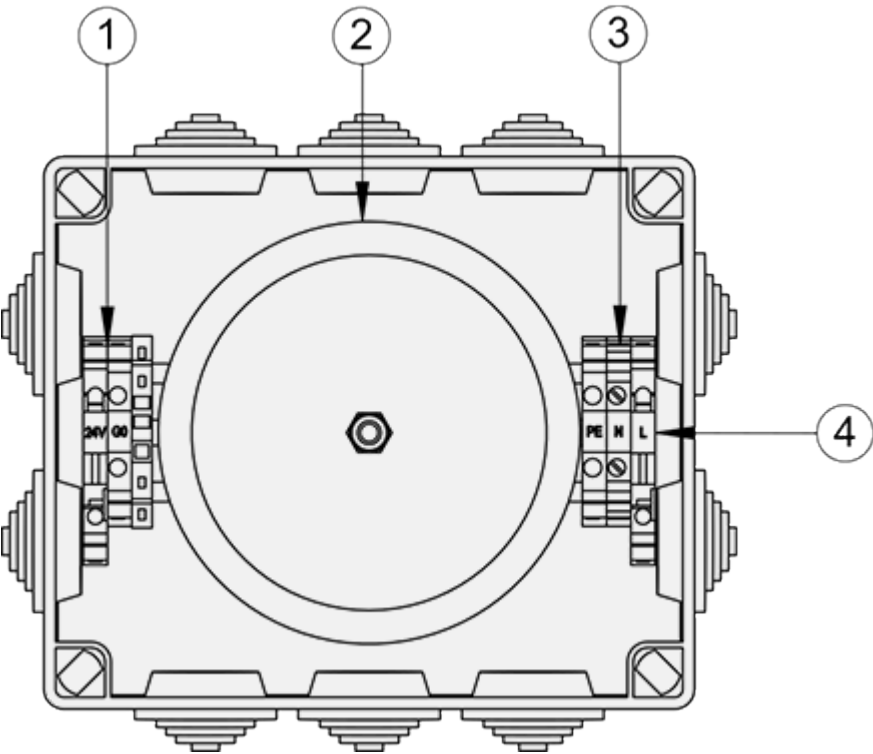


Fig.1. Structure of Halton Safe HSP

No.	Part	Details
1	24 V AC terminals	Power connections for Halton Safe HSL link units
2	Transformer	260 VA
3	Terminal for power supply	230 V AC
4	230 V AC fuse	2 A

Dimensions and weight

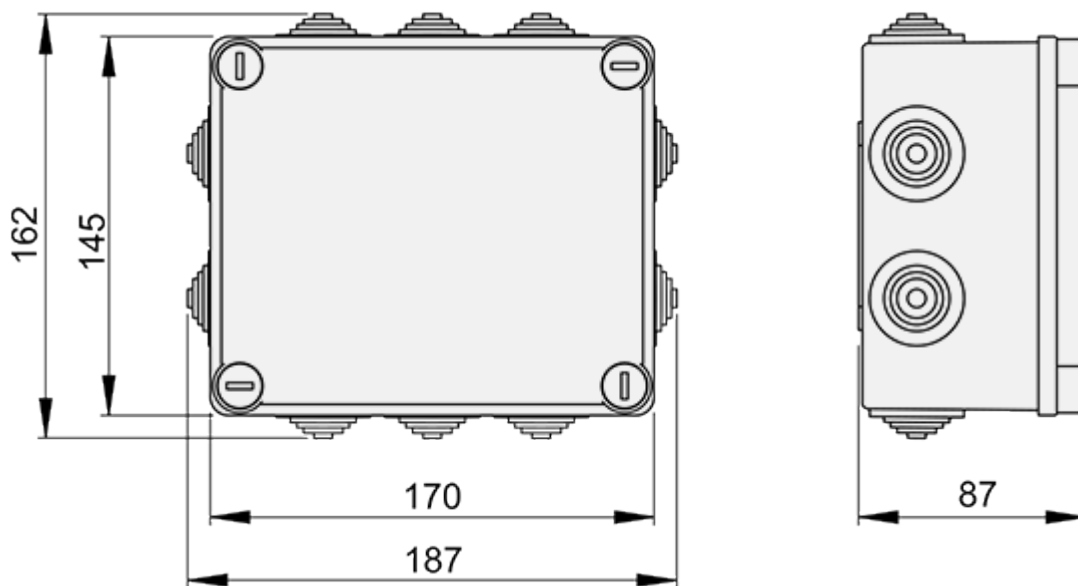


Fig.2. Dimensions of Halton Safe HSP

Weight:

2.8 kg

Specification

Power unit for fire dampers and smoke detectors in the Halton Safe Management 2.0 system.

- 230 V AC to 24 V AC transformer
- 260 VA power outlet

Installation information

Connection diagram

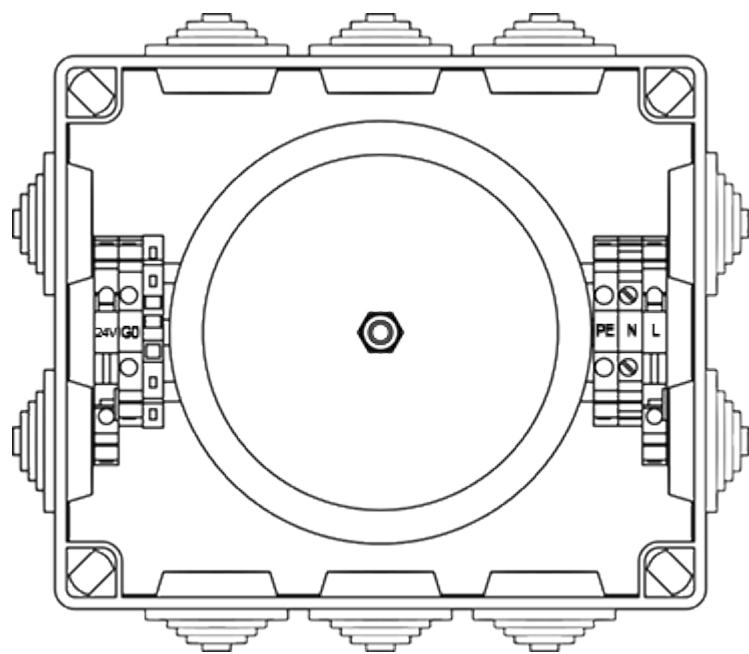


Fig.3. Connection diagram of Halton Safe HSP

Terminals

Outlet power	
Terminal	Comment
24V	G, Terminals for supply voltage connection + (24 V)
G0	G0, Terminals for supply voltage connection – (24 V)

Inlet power	
Terminal	Comment
L	230 V AC Line
N	230 V AC Neutral
PE	Ground

Order code

HSP; ZT

ZT = Tailored product

N No

Code example

HSD, ZT=N