M/P960.1

KNX 960mA Power Supply Module

Hardware Version: B

Datasheet

Issued: May 17, 2021

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Figure 1. KNX 960mA Power Supply Module

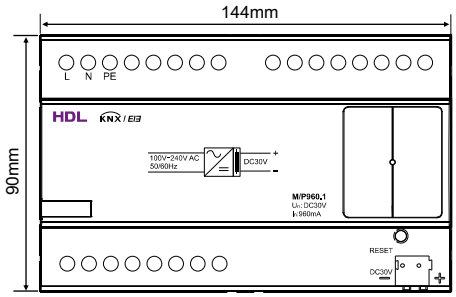

Figure 2. Dimensions - Front View

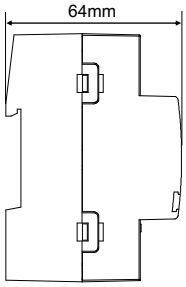

Figure 3. Dimensions - Side View

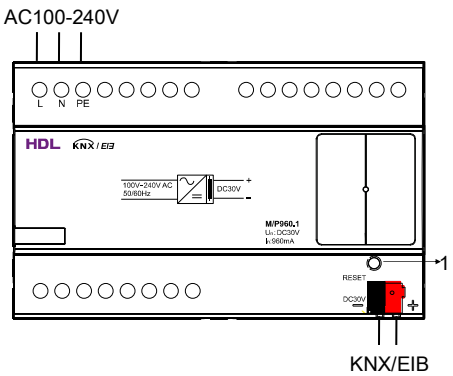

Figure 4. Wiring

Overview

KNX 960mA Power Supply Module (See Figure 1) is fully compliant with European safety standards and KNX standard protocol. It can provide up to 960mA current to KNX/EIB bus.

Functions

- KNX Power Supply Module provides maximum current 960mA to KNX/EIB bus.
- Overload protection and over current protection.
- Output short circuit protection.
- Keep pressing the RESET button for 2 seconds to reset the device.

Important Notes

- Installation - Distribution board. When the device is installed outdoors, please pay attention to water -proof installation.
- Dedicated device - this device is only used to supply power to KNX/EIB equipment and cannot supply power to other types of equipment.

Product Information

Dimensions - See Figure 2 - 3

Wiring - See Figure 4

1. RESET button and LED indicator

LED indicator:

Green LED: normal working mode

Red LED: overload

RESET button: Keep pressing the RESET button for 2s to reset the device.

Safety Precautions

- The installation and testing for the product must be carried out by HDL Automation Co., Ltd. or its appointed service agencies. The electric construction shall comply with local laws and safety regulations.
- The device should be installed with DIN rail in DB box. HDL will not be responsible for any consequence caused by the inexpert or faulty installation and wiring methods, which are not in accordance with the instructions contained in this operating instruction.
- Please do not privately disassemble or replace any parts of the product. Otherwise, it may cause mechanical fault, electric shock, fire or personal injuries.
- Please contact our after-sales departments or our designated service agencies for your maintenance service. Product failures caused by private disassembly are not subject to this warranty.

Package Contents

M/P960.1*1 / Label*5 / Datasheet*1

Figure 5

1

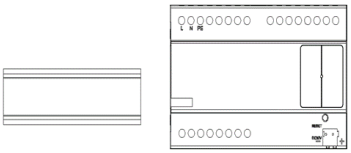

Figure 6

2

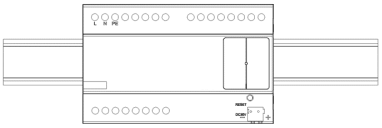

Figure 7

Figure 5 - 7. Installation

Technical Data

Basic Parameters	
Input voltage	AC100-240V(50/60Hz)
Output voltage	30V DC
Output current	960mA
Communication	KNX
Power loss	< 20%
Power on time	<2s
User controls	Button reset EIB
Green LED	Output normal
Red LED	Overload (I> I_{max})
Cable diameter of KNX terminal	0.6 – 0.8mm
External Environment	
Working temperature	-5℃~45℃
Working relative humidity	≤90%
Storage temperature	-20℃~60℃
Storage relative humidity	≤93%
Specifications	
Dimensions	144mm×90mm×64mm
Net weight	390g
Housing material	Nylon
Installation	35mm DIN rail installation (See Figure 5 - 7)
Protection rating (Compliant with EN 60529)	IP20
Approved	
CE, RoHS	
KNX	

KNX Cable Guide

KNX	KNX Cable
-	Black
+	Red

Installation

Installation - See Figure 5 - 7

Step 1. Fix the DIN rail with screws.

Step 2. Buckle the bottom cap of KNX 960mA Power Supply Module on the edge of the DIN rail.

Step 3. Press the device on the DIN rail, slide it and fix it up until an appropriate position is adjusted.

Technical support
E-mail: hdltickets@hdlautomation.com
Website: https://www.hdlautomation.com

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