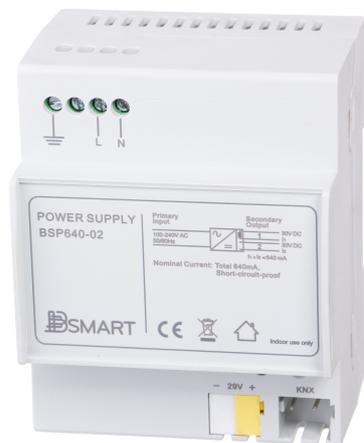


# TECHNICAL DOCUMENT

BUS POWER SUPPLY 640 MA

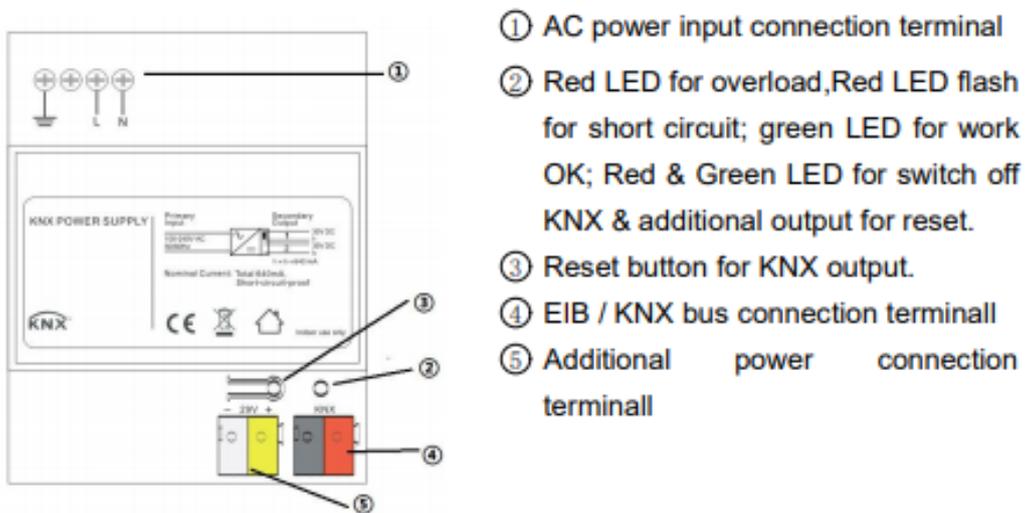


BSP640-02

# INTRODUCTION

Type -----BSP640-02  
 Product name -----power supply  
 Current -----640mA  
 Dimensions -----72x90x65 mm  
 G.W. -----0.5 kg

The devices are suitable for installation on the distribution boards with 35mm mounting rail which complies with DIN EN 60715 or a small box in order to facilitate quick installation of the device. Must ensure that the device operation, testing, maintenance, repair correctly

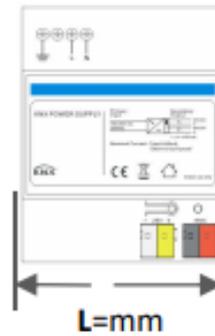
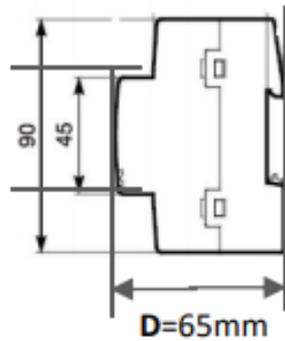


- ① AC power input connection terminal
- ② Red LED for overload, Red LED flash for short circuit; green LED for work OK; Red & Green LED for switch off KNX & additional output for reset.
- ③ Reset button for KNX output.
- ④ EIB / KNX bus connection terminal
- ⑤ Additional power connection terminal

## PARAMETER 1

■ Power Supply:	100~255V AC, +10/-15%, 47~63Hz
■ Current consumption:	<45VA
■ Bus Output:	1 line with integrated choke
■ Nominal Voltage:	30 V DC +1/-2 V, SELV
■ Auxiliary voltage output:	1 (without choke)
■ Auxiliary voltage:	30 V DC +1/-1 V, SELV
■ Nominal Current:	Total of BUS and auxiliary voltage output 640mA, short-circuit-proof
■ Temperature range:	Operation -10~ +45 °C Storage -40 °C ~ +55 °C Transport -25 ~ + 70 °C
■ Installation:	Standard 35mm DIN mounting rail

## INSTALLATION



**L=72mm**

## NOTES

Installation and commissioning of the device may only be carried out by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

- Protect the device against moisture, dirt and damage during transport, storage and operation!
- Do not operate the device outside the specified technical data (e.g. temperature range)!
- The device may only be operated in closed enclosures (e.g. distribution boards)

Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.

## PARAMETER 2

<p>■ Operating/Display:</p>	<p>Green LED : output voltage is OK;                  Red LED : overload                  Red LED flash: after short circuit 5S,the output will switch off,last 20 second to retry.</p>
<p>■ Reset button:</p>	<p>reset at the EIB output                  (starts when the push button is pressed and lasts 22 seconds);                  Green &amp; Red LED on:                  Reset at the EIB/KNX output.</p>