

KNX POWER SUPPLY



Product Code	ITR900-01XX
Power Supply	85-265 V AC 50-60 Hz
Power Consumption (Max)	55 W (ITR900-0164) 30 W (ITR900-0132) 21 W (ITR900-0116)
Power Consumption (Typic)	24 W (ITR900-0164) 12.5 W (ITR900-0132) 6.6 W (ITR900-0116)
Rated Current (Total)	640 mA (ITR900-0164) 320 mA (ITR900-0132) 160 mA (ITR900-0116)
Rated Voltage	30 V DC
Type of Protection	IP 20
Temperature Range	Operation (0°C...45°C) Storage (-5°C...55°C)
Maximum Air Humidity	< 90 RH
Color	White
Dimensions	70 x 90 x 66 mm (W x L x H)

XX : 16 : 160 mA | 32 : 32 mA | 64 : 640 mA

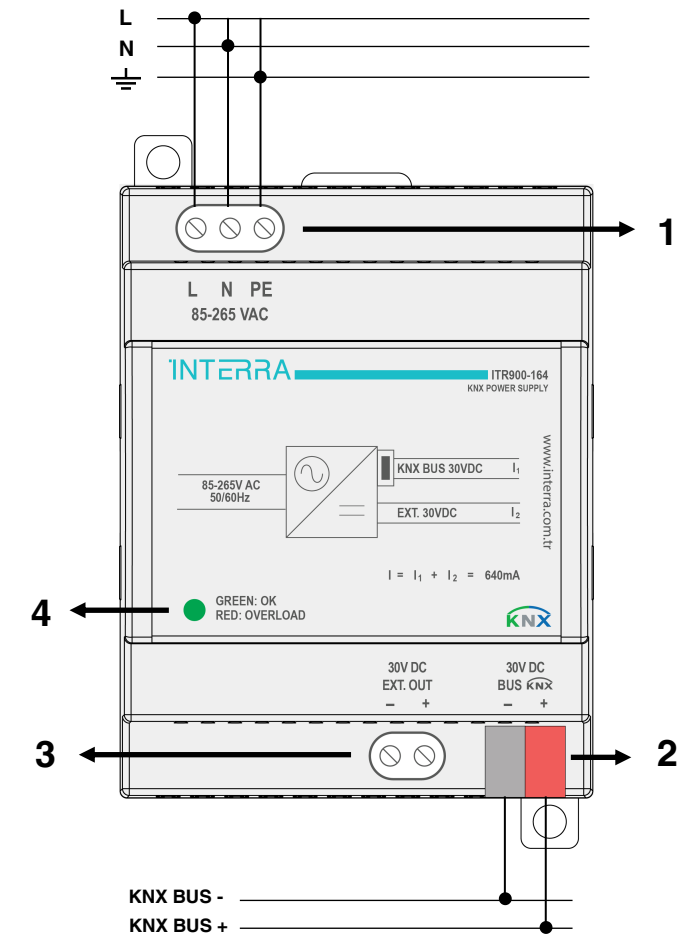
DESCRIPTION

ITR900-01XX KNX Power Supplies generate the KNX system voltage (SELV). For this purpose, 3 different models have been developed considering the needs. Main differences between models are power consumptions and rated currents. The bus line is decoupled from the power supply by an integrated choke. The two color LED indicates device output status.

MOUNTING, COMMISSIONING AND SAFETY NOTES

- The device may only be installed and put into operation by a qualified electrician or authorized personnel.
- Mounting Location: Installation only on a 35 mm DIN rail of a distribution board.
- Device needs at least 4 standard modules width at installation.
- Screw down strength is less than 0.4Nm.
- Avoid contact with rain, liquids and corrosive gases.
- Check Connections: Re-tighten all connections after installation.
- Cable Connections: Do not get wrong connection for KNX Black and Red wires, device input AC wires and external supply output wires.
- Power supply has an additional 30 V DC short circuit and overload protected voltage output that can be used to power an additional bus line (in combination with a separate choke).
- The voltage output is overload, short circuit and over temperature protected.
- Output without choke can be used as a constant 30 V DC supply and output with choke can be used as a KNX Bus supply.

CONNECTION DIAGRAM



1. Line Input 85-265 V AC
2. KNX BUS
3. External Supply Output
4. LED Indication
 - Green: OK (Trouble-Free).
 - Red: Overload.
 - Red (Flashing) : Short Circuit.