Installation Guide

TSI-1

TSE Touchscreen Interface

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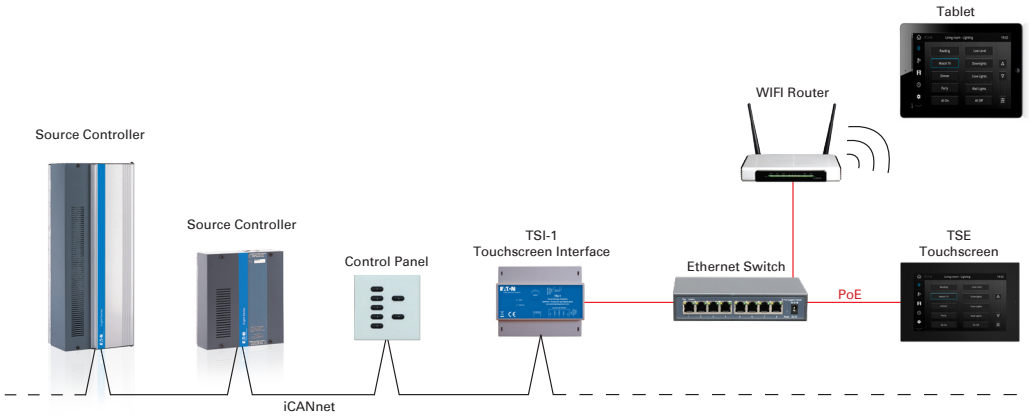
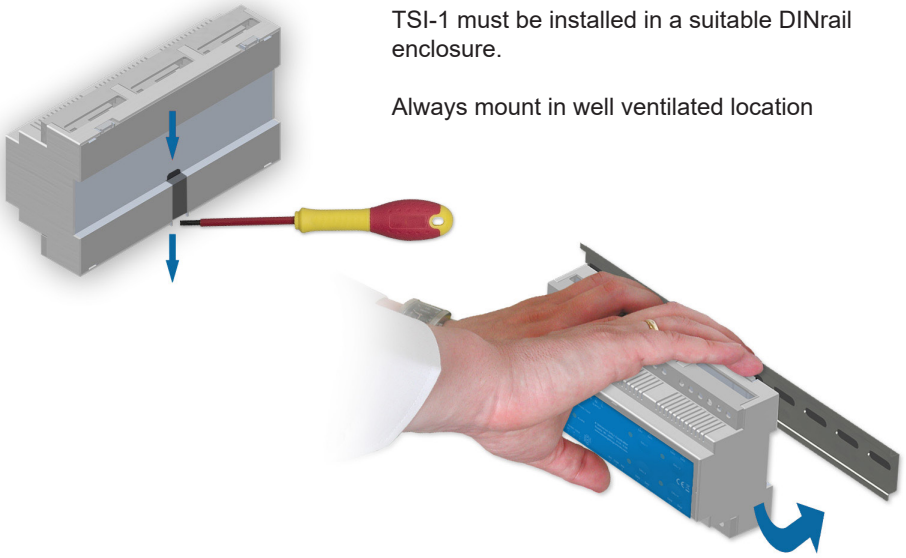
Typical Schematic



Mounting



TSI-1 must be installed in a suitable DINrail enclosure.

Always mount in well ventilated location

Electrical & Mechanical

Control: Via iLight network connection

Supply: +10 - 24V DC @ 750 mA Max (via external power supply)

Terminal Size: iCANnet cable size: 5 x 1mm². Power cable size: 2 x 1mm²

Protection: Provided by installer

Recommended Cable: iCANnet Network Cable

Ambient temperature: 2°C – 50°C

Relative humidity: 5% - 95% max, non-condensing

IP rating: IP20

Installation: Installation must be carried out by a suitably qualified electrician and installed in a suitable DINrail enclosure.

Dimensions: 106mm (w) x 91mm (h) x 62mm (d)

Weight: 0.22kg

Software

For programming TSI-1, Device Editor and TSE Designer software are required. Please consult your iLight representative for latest versions.

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Power Supply Jumper
Enables iLight Network BUS power when in the 'ON' position. Disables iLight Network BUS power when removed or in the 'OFF' position.
Caution: This product requires 15V @ 750mA. When using the network to power this device ensure adequate power is available on the network.

Power Supply
+10 - 24V DC @ 750 mA Max

Device Identification Switch

Data LED

Status LED

Connection to non-PoE port on ethernet switch

Connection to the iLight Network

iLight Network Termination

Device LEDs and Buttons

Status LED
Green LED flashes – device OK

Data LED
Red LED flashes when messages sent on network.

Device Identification
Press and release switch. Sending a message to identify the device on the network (red Data LED flashes).

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