



SCI0110T

1 Channel, 10 Amp Inductive Source Controller

Key Features

- 1 x 10 Amp programmable inductive source controller module
- 128 scene memory
- Suitable for 10 Amp single phase supply
- Fail to full safety feature
- iCAN network inputs
- Audio Visual Port (RS485)
- Panic/fire alarm input
- Configuration stored in Non Volatile EEPROM
- Firmware storage in reflashable FLASH memory over iCAN network
- CE compliant to all relevant standards
- Designed and manufactured to ISO9001:2015 standards

Overview

This 1 x 10 amp source controller is designed to provide scene set dimming of lighting. It is suitable for resistive and inductive loads.

In addition to the iLight iCAN network connectivity, it also has an audio visual port and a panic/fire alarm input. It can be used on its own in single channel applications, or as part of a comprehensive network in large building complexes.



Mechanical

Weight: 2.5kg

Mains Cable Access:

2 x 25.5mm and 2 x PG16 knockouts

Control Cable Access:

1 x 25.5mm and 1 x PG16 knockout

Climate Range:

Temperature: +2°C to +40°C

Humidity: +5 to 95% non condensing

Control Inputs:

Two sets of terminals for the iCANnet™ network

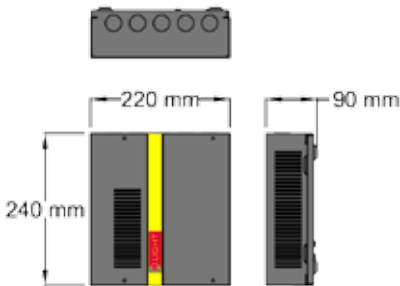
Suitable for Belden 1502

One RJ12 socket for programming the iCANnet™ network

One set of terminals for the Audio Visual Port, RS485

One set of terminals for the panic/fire alarm input

Dimensions



Electrical

Maximum Load: 10 Amp single phase @ 40°C

Maximum Channel Current: 10 Amp

Supply: 230 volts +/- 10% 50/60 Hz (optionally, 127 volt 60 Hz)

Protection: Requires external circuit breaker

Load Types:

Incandescent 230 volt lamps

Low voltage inductive lamps (wire wound or electronic)

Cold cathode (Check the iLight™ help desk for details)

Minimum Load: 20 watts

Terminal Sizes:

Incoming supply, max' cable size: 4mm²

Loads, max' cable size: 1 x 4mm² or 2 x 2.5mm² per circuit

iCANnet™ network cable size: 5 x 1mm²

Audio Visual Port: RS485 2 x 1mm²

Panic/fire alarm input: 2 x 1mm²

Memory:

FLASH memory to be able to upgrade software

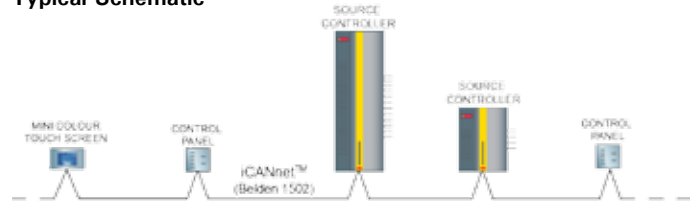
EEPROM for 128 scene memory

Fade Times: 0.1 seconds to 60 minutes

Mains Stabilisation: 50:1

Other Inductive Source Controllers: SCI0405, SCI0410, SCI0420, SCI1205, SCI1210, SCI1220 and the SCMI0402

Typical Schematic



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Document No: SCI0110T Rev7 0318

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