



Application

SPLIT SIMULATOR FOR IRSC

IRSC Test

INDEX

1. Introduction	3
1.1. Inzennio Z38i	3
1.2. Application IRSC Test.....	3
2. Installation	5
3. Parameterization.....	6

1. INTRODUCTION

The purpose of this document is to make easy the comprehension and implementation of the **Split Simulator for IRSC**, offered as a new functionality for the **InZennio Z38** Touch Panel.

1.1. INZENNIO Z38I

InZennio Z38i is a KNX device with Touch Panel, Room Thermostat, Binary Inputs and IR Receiver built-in.



It is important to point out that once the IRSC Test application is downloaded in the Z38i, the touch panel will only have active the functionality for displaying information and the IR Receiver (touch panel and temperature sensor will be locked).

For recover all Z38i Touch Panel functionalities, it is necessary to download the last application program available at Zennio Website.

1.2. APPLICATION IRSC TEST

The application IRSC Test has been specifically developed to simulate the operation of one Split controlled by IRSC, showing the Split information on the Z38i panel. This way, integrators could test Zennio IRSC functioning without having physically a Split.



Split Simulator Information

- Split ON/OFF
- Set point Temperature
- Operation Mode
- Fan Speed
- Blinds Direction

2. INSTALLATION



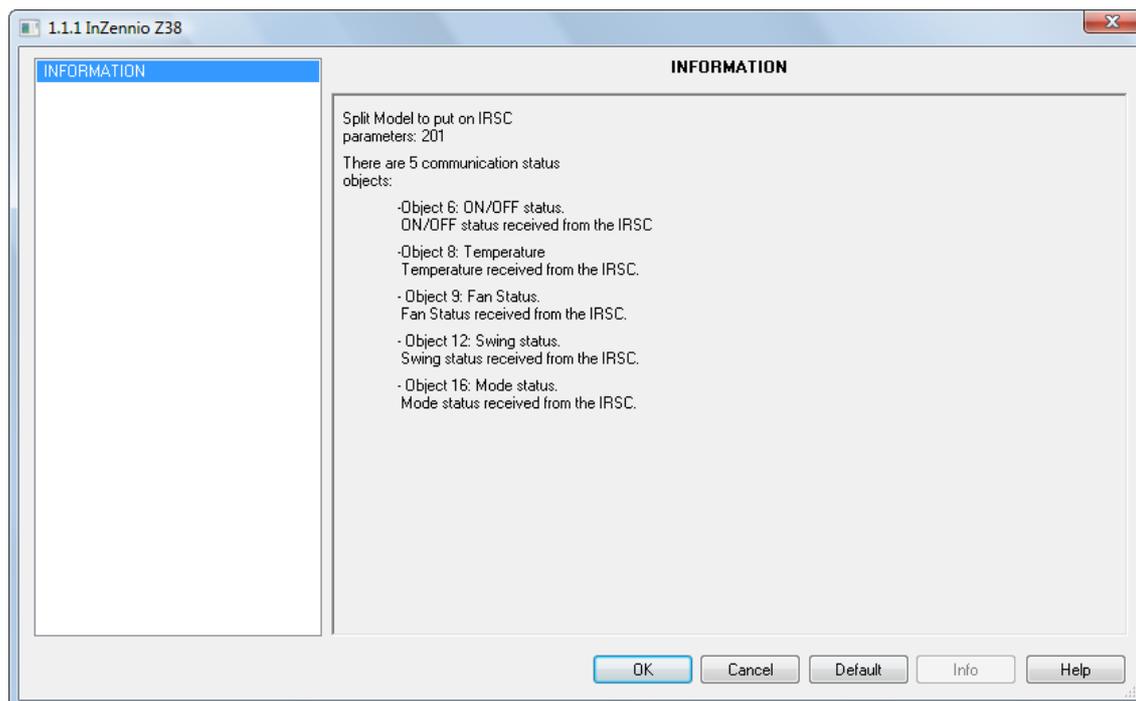
The InZennio Z38 screen must be connected to the KNX bus where the device Zennio IRSC is connected too, through its specific connector.

Once the bus is powered, the physical address can be downloaded and the device can be programmed with the IRSC Test application, available at Zennio Website.

3. PARAMETERIZATION

The IRSC Test application does not provide any configurable parameter, but it provides five communication objects that simulate the Split states:

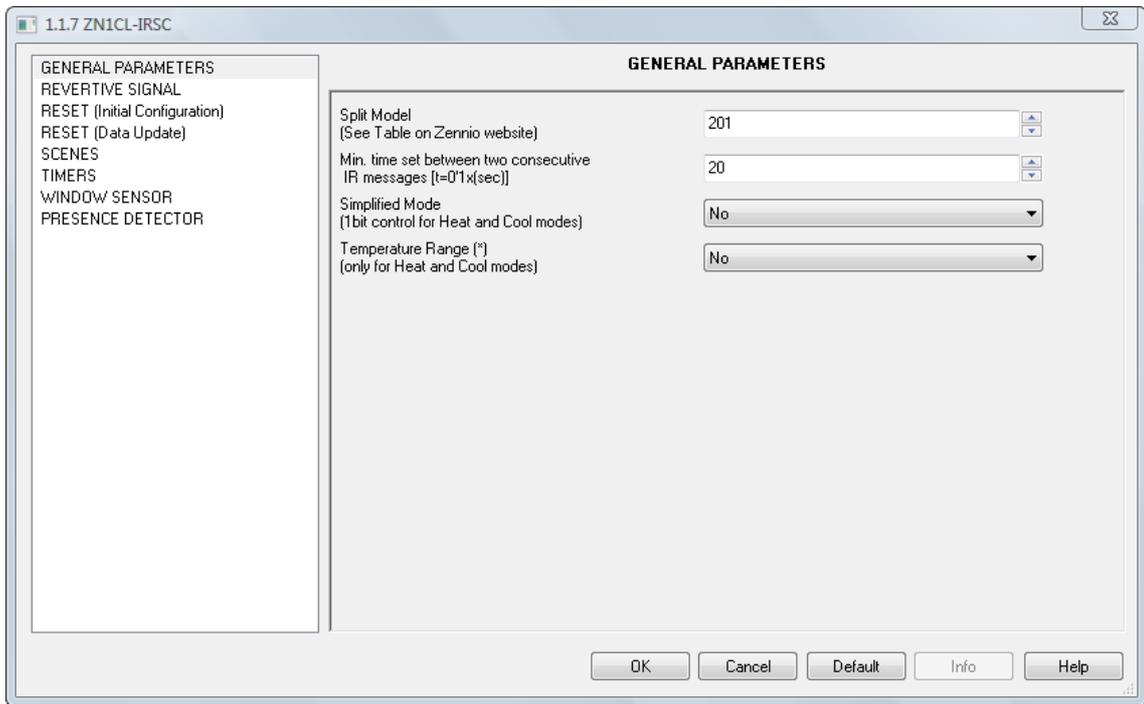
- Mode Status [1 byte]
- Fan Status [1 byte]
- Swing Status [1 bit]
- ON/OFF Status [1bit]
- Temperature [2 bytes]



IRSC Parameterization screen

It must be kept in mind that, despite these communication objects allow a bidirectional communication with the screen, a real split never provides its state.

Since the IRSC Test application simulates the performance of the split model **201**, the device Zennio IRSC has to be configured with this model number in the *Split Model* input in *General* parameters window.



IRSC Parameterization screen



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