Smart Node

Touch Interface

Model: All Included

Product Guidance

Table of Contents

Table of contents …… 2

1.About Smart Node Touch Interfaces …..…..…….…….. 3

2.Types of Touch Interfaces…….. ……..…..…… 4

2.1 TI.8S1R……..…… 4

2.2 TI.8S……5

2.3 TI.4S1R……6

2.4 TI.4S……7

2.5 TI.2S……8

2.6 TI.1C……9

3. Remote Operations……..……...……..10

4. Advantages……..……...…..12

5. FAQ……..……..……13

6. Declaration…….. 14

7. GUARANTEE and WARRANTY period……..…… 15

1. About Smart Node Touch Interfaces

This section gives you a brief introduction to the Smart Node Touch Interfaces. Touch Interfaces by itself is of no use. It can only work if it is connected with a Smart Node Lighting Automation module for its operations. Using Touch Interface, one can control different types of loads from its interface. One can turn on/off any load as well as regulate (fan speed as well as light intensity) from its interface.

Smart Node Touch Interfaces are modular. We have different models in different modular sizes like 6M, 4M and 2M. These Touch Interfaces are compatible with the Norisys electrical plates. In a single Norisys plate, we can add Smart Node Touch Interface along with other Norisys accessories like 6A plug, 16A plug, USB sockets and many others.

We can also customize our Touch Interface to be compatible with other electrical plates of other major companies like Legrand, Schneider and many others. This customization is only done on a prior order to the company.

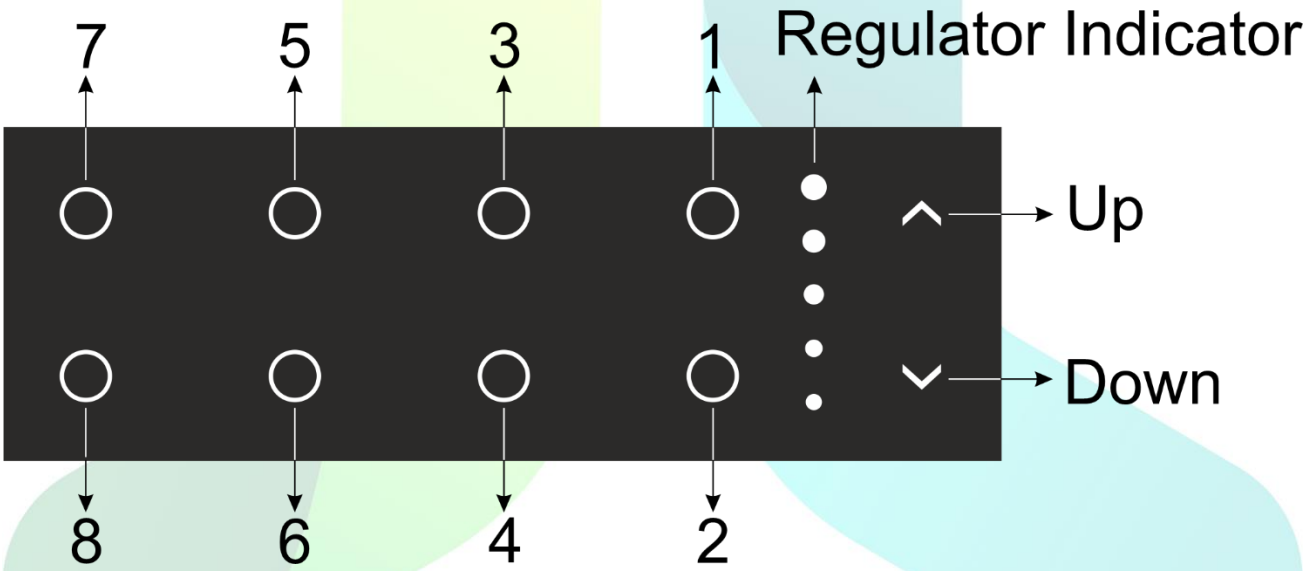
Smart Node Touch Interfaces are capable of regulating multiple loads from a single regulator present in the Touch Interface. This is a very unique feature of the Smart Node.

2. Types of Touch Interfaces

There are total of six different types of Touch Interface classified according to the different design.

2.1 TI.8S1R

Touch Interface TI.8S1R consists of a total of eight switches and one regulator. A maximum of 8 different loads can be controlled using this interface. There is also one regulator present which has multiple use.



Total Load: 8

Modular: 6M

Colour Available: Black/White

Ideal connection

TI.8S1R is mostly connected with Lighting Automation 8.1 device. So, the fan connected at load F can be speed regulated using the regulator as well the dimmable lights connected with D1, D2 and D3 can be dimmed using the same regulator.

The regulator has ‘Up’ and ‘Down’ arrow. When only ‘Up’ or ‘Down’ touch is pressed then the load connected with Touch pad 1 will regulate that is Fan. If you wish to regulate (fan speed or light intensity) the load connected with Touch

pad 2(D1), 3(D2) and 4(D3), then with one finger you must press the respective touch pad and simultaneously with another finger, you must press 'Up' or 'Down'.

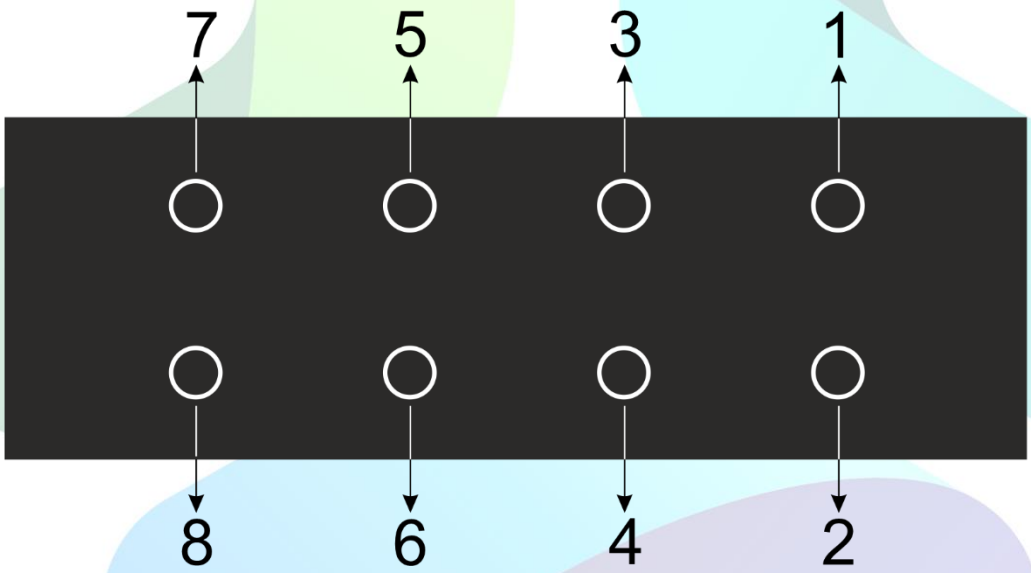
Other connections

TI.8S1R can also be connected with Lighting Automation models 8.0

If 8.0 is connected then the light dimming for dimmable lights connected at D1, D2 and D3 are possible using the onboard regulator. But, since Touch pad 1 consists of L0, if onboard dimming is done simply (i.e. using only one finger) then the load may get damaged.

2.2 TI.8S

Touch Interface TI.8S consists of only eight switches. A maximum of 8 different loads can be controlled using this interface. There is also no regulator present on the interface.



Total Load: 8

Modular: 6M

Colour Available: Black/White

Ideal connection

TI.8S is mostly connected with Lighting Automation 8.0 device. There is no onboard dimming facility here. But we can regulate (fan speed or light intensity) using a remote.

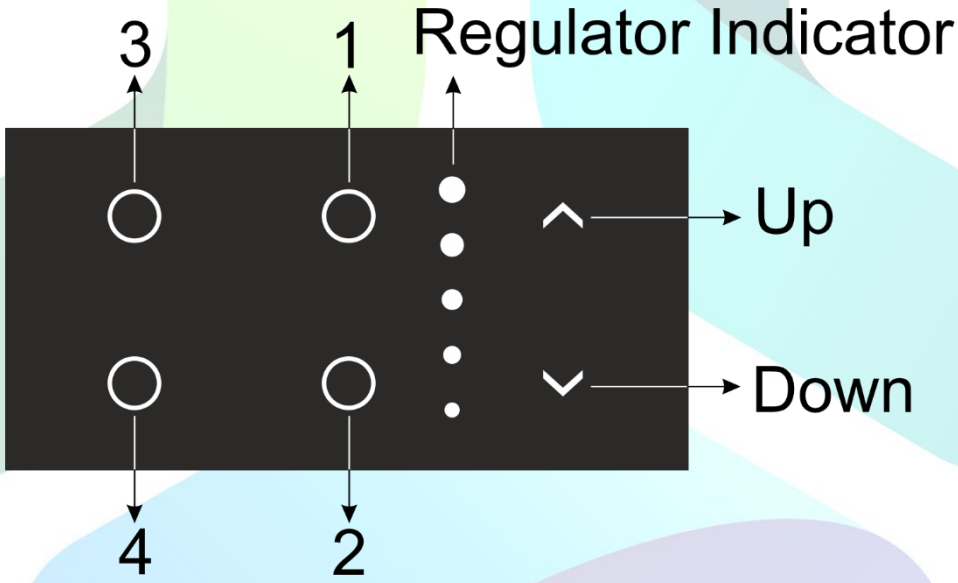
Other connections

TI.8S can also be connected with Lighting Automation models 8.1

If 8.1 is connected, then the light dimming for dimmable lights connected at D1, D2 and D3 and fan speed regulation at F is possible only using a remote.

2.3 TI.4S1R

Touch Interface TI.4S1R consists of a total of four switches and one regulator. A maximum of 4 different loads can be controlled using this interface. There is also one regulator present which has multiple use.



Total Load: 4

Modular: 4M

Colour Available: Black/White

Ideal connection

TI.4S1R is mostly connected with Lighting Automation 4.1 device. So, the fan connected at load F can be speed regulated using the regulator as well the dimmable lights connected with D can be dimmed using the same regulator.

The regulator has ‘Up’ and ‘Down’ arrow. When only ‘Up’ or ‘Down’ touch is pressed then the load connected with Touch pad 1 will regulate that is Fan. If you wish to regulate (fan speed or light intensity) the load connected with Touch pad 2(D), then with one finger you must press the respective touch pad and simultaneously with another finger, you must press 'Up' or 'Down'.

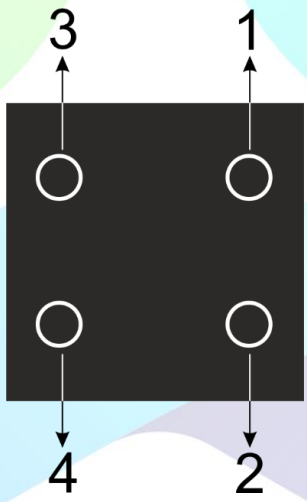
Other connections

TI.4S1R can also be connected with Lighting Automation models 4.0

If 4.0 is connected then the light dimming for dimmable lights connected at D is possible using the on-board regulator. But, since Touch pad 1 consists of L0, if onboard dimming is done simply (i.e. using only one finger) then the load may get damaged.

2.4 TI.4S

Touch Interface TI.4S consists of a total of four switches and one regulator. A maximum of 4 different loads can be controlled using this interface. There is no regulator present on the interface.



Total Load: 4

Modular: 2M

Colour Available: Black/White

Ideal connection

TI.4S is mostly connected with Lighting Automation 4.0 device. There is no onboard dimming facility here. But we can regulate (fan speed or light intensity) using a remote.

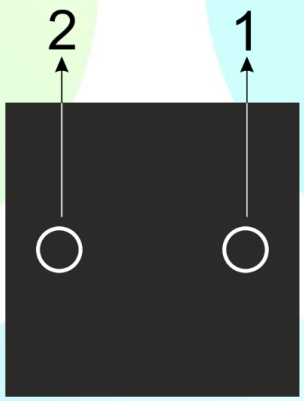
Other connections

TI.4S can also be connected with Lighting Automation models 4.1

If 4.1 is connected, then the light dimming for dimmable lights connected at D and fan speed regulation at F is possible only using a remote.

2.5 TI.2S

Touch Interface TI.2S consists of only two switches. A maximum of 2 different loads can be controlled using this interface. There is no regulator present on the interface.



Total Load: 2

Modular: 2M

Colour Available: Black/White

Ideal connection

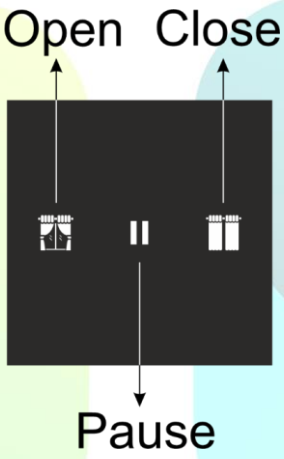
TI.2S is mostly connected with Lighting Automation 2NL or 2HL device. There is no onboard dimming facility here. Since there is no regulation facility present in 2NL or 2HL, we cannot dim it even with a remote.

Other connections

TI.2S cannot be connected with any other Lighting Automation model.

2.6 TI.1C

Touch Interface TI.1C consists of connection with one curtain. We can open, close and stop the curtain using Curtain Touch Interface.



Total Load: 1 curtain

Modular: 2M

Colour Available: Black/White

Ideal connection

TI.1C is connected with Curtain Automation C.1 device. The curtain can be opened, closed and stopped using Smart Node remote.

Other connections

TI.1C cannot be connected with any other Automation model.

3. Remote operations

Smart Node Touch Interface can be operated using our IR remote. The remote provided is universal. The remote layout is as shown below:

We can turn on/off any load using this remote. We can also set the fan speed or change the brightness of any dimmable light using this remote. Apart from these basic functions, the different types of features which are possible using remote are as follow:

Scene

We can set a total of 4 different scenes for a single Touch Interface on the remote. On pressing of the scene button, multiple actions on the Touch Interface can take place as per our creation. The scenes can be created by following a simple procedure using the remote. You can refer the video on our website for learning the procedure.

Touch Lock/Unlock

We can lock the Touch Interface using the remote. On locking a Touch Interface, all the operations on pressing the touch will become non-operational. We can again unlock it using the remote.

On/Off White Back Light

We can turn on/off the backend white light which is used for identifying the Touch Interface during the night using the remote.

Single Universal Remote

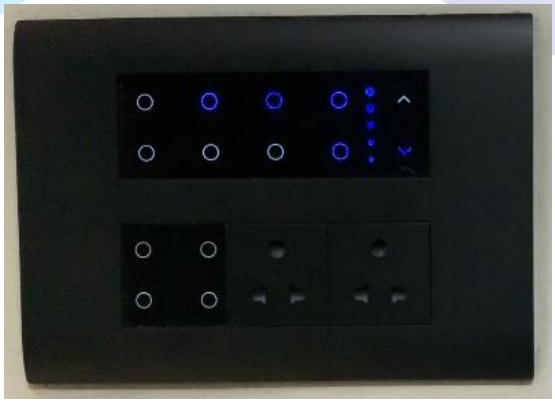
One Smart Node remote can work for multiple Touch Interfaces.

Master Control

Using a single button, you can turn on and turn off all the loads on a Touch Interface

Remote button learning

By default, all the buttons on the Touch Interface are assigned a number on the remote starting from 1. But, in certain condition need arises when we need to change the assigned button on the remote. This can be done by following a simple procedure which can be learned by watching the related video on our website. A simple real-time example where need arises to change the assigned button for one-touch is as shown below. Here, if 2 number is pressed from the remote, then Touchpad 2 on both the Touch Interface will respond. Similarly, for Touchpad 3 and 4. So, it is better to assign a different button on the remote for TI.4S touchpads.



4. Advantages

The advantages of using the Smart Node Touch Interface are:

- All the loads can be operated with an IR remote also
- There is always a live reflection of the state of the loads on the Touch Interface even if the loads are operated using remote, Smart Node application, Alexa, Google Home or any other third-party integrations
- Multiple on-board dimming using a single regulator
- The Smart Node Touch Interface also adds elegant beauty to the interior of any house
- If as of now, traditional switches are connected to a Lighting module, then in future we can replace the traditional switches with Touch Interfaces without replacing the Lighting module
- There is no problem of Touch Interface reorganization during the night as there is an option to keep on the dim white light
- It is shock-proof and water-resistant
- It is compact so more accessories can be adjusted in less space
- It is retrofit

5. FAQs

Q. Can I connect Touch Interface directly with loads?

A. No, it is mandatory to connect Touch Interface with Lighting Automation module.

Q. What is the difference between Touch Interfaces range and Touch Switch range?

A. The Touch Interface needs to be connected with any Lighting module to work. The Touch Interface are used in Smart Node Automation segment. While Touch Switch needs no extra module, it is a standalone product. The Touch Switches works only with a remote, it cannot be controlled by Smart Node mobile application.

6. Declaration

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If you need further assistance, please write to us at support@smartnode.in or call us at +91-9327958744. You can also refer FAQs on our website for general doubts.

7. GUARANTEE and WARRANTY period

Smart Node offers seven years of free repairable warranty from the date of billing of the end client.

Smart Node will not be liable in any way towards damage caused to products by following:

a) The guarantee or warranty period is expired.
b) The serial number label is missing or unrecognizable.
c) The product has been modified or repaired by any unauthorised service centre or personnel during its guarantee or warranty period.
d) The defect was subject to abuse, improper use not conforming to product manual instructions, or environmental conditions more severe than those specified in the manual and specifications.
e) Damage caused by user (including but not limited to breakage of the module, wrong installation, no electrical earthing)
f) Spillages or moisture (including but not limited to exposure or contact with any liquid)
g) Neglect
h) Accidents including but not limited to improper voltage or power supply.
i) Unauthorised modifications including but not limited to the opening of the module, changing wiring;
j) Use of Smart Node products with incompatible or faulty equipment, using on higher loads;
k) The defect was subject to Force Majeure, such as acts of God, flood, lightning, earthquake, war, vandalism, theft, brownouts or sags (damage due to low voltage disturbances.

If the customer’s product is not covered under guarantee or warranty, Smart Node may offer repair services at customer’s own cost.