



# TIS TITAN / TITANIA SERIES

2.4" Touch Switch

Data Sheet Rev 3.2

Model: TIT-TFT-BUS-K(3R), TIT-TFT-BUS-S(3R)



## OVERVIEW

This product is a wall switch with touch LCD and buttons designed for lights, climate, music, security, and motorized curtains control. It offers customizable backlit color and frame covers for an easy combination with interior schemes.

### KEY BENEFITS

- Compatibility with other TIS solutions
- Elegant design with 2.4" TFT LCD
- UK(Titan)/US(Titania) back box suitability
- Applicable in home, hotel & office rooms

### KEY FEATURES

- ★ Wide variety of cover materials
- ★ Delicate touch buttons with backlit
- ★ Programmable for scenes & presets
- ★ Controllable through TIS App



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Model: TIT-TFT-BUS-K(3R), TIT-TFT-BUS-S(3R)



### PRODUCT SPECIFICATIONS

	<b>LCD</b>	Size	2.4"
		Resolution	240*320 Pixels
		Contrast	600
		Viewing direction	120 degree
	<b>Touch</b>	Active area	2.5"
		Touch type	Capacitive
	<b>Input</b>	Temp sensor	Resistive temp sensor
		Dry inputs	2 Digital inputs
	<b>Output</b>	Model with relay -3R	3 Relay outputs 5A
	<b>TIS Bus</b>	Number of devices on 1 line	Max. 64
		Bus voltage	12-32 V DC
		Current consumption	<60 mA / 24 V DC
	<b>Protection</b>		Reverse polarity protection
			ESD Protection
	<b>Reaction time</b>		approx. 20ms
	<b>Mounting</b>	Wall mount	with 2 screws on the back box (UK, US)
	<b>Connection terminal</b>	Data and digital inputs	6 pushing pin type 1.5mm
		Relay channels	4 pushing pin type 2.5 mm
	<b>Operation</b>	LCD	TFT full color
		Touch buttons	2 touch buttons for menu selection
		Backlit	2 LED indicators
		TIS bus	TIS protocol messages & commands
		Upgrading	Rs485 upgrade kit
	<b>Functions</b>	1 Press	ON/OFF/Scene
		Long press	Adjust lights brightness
		Double click	Extra scene
	<b>Weight</b>	Without packaging	200g
	<b>Dimensions (Width × Length × Height)</b>	Titan with the cover	29mm × 90mm × 86mm
		Titania with the cover	29mm × 66mm × 110mm



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TIS CONTROL PTY LIMITED  
SA , AUSTRALIA

TIS CONTROL LIMITED  
Wanchai, Hong Kong

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TIS



## PRODUCT SPECIFICATIONS



### Housing

Materials  
Casing color  
Internal Parts color  
IP rating

Fireproof PC / Glass in front  
Aluminum, glass, or plastic frame  
Black  
IP 50



### Temperature range

Operation  
Storage  
Transport

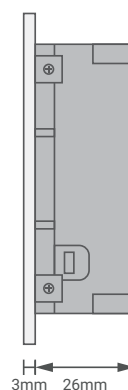
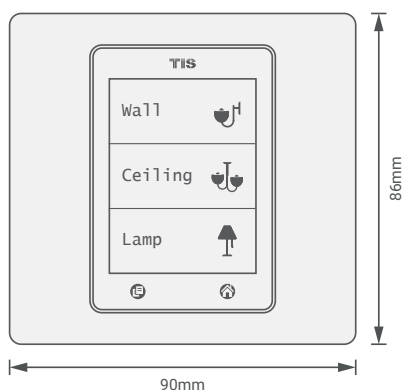
-10...60°C  
-20...50°C  
-25...75°C



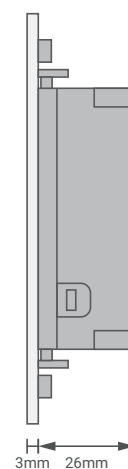
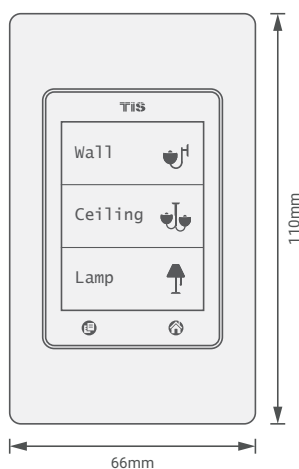
### Air humidity

<80% non-condensing

**Titan TFT panel**  
TIT-TFT-BUS-K(3R)



**Titania TFT panel**  
TIT-TFT-BUS-S(3R)



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