# Tecla RGB 55 X1/X2/X4/X6

**PC-ABS Capacitive push button 55x55 with 1/2/4/6 buttons and custom icons**

**ZVITR55X1 / ZVITR55X2 / ZVITR55X4 / ZVITR55X6** **TECHNICAL DOCUMENTATION**

## FEATURES

- Customizable polycarbonate surface with 1/2/4/6 touch areas with RGB backlight and customizable icons through web application (https://tmd.zennioapps.com)
- Available colours, please refer to: https://www.zennio.com/finishes
- KNX Data Secure supported
- Thermostat
- 2 analog/digital inputs
- Built-in temperature sensor
- Touch confirmation through acoustic feedback
- Proximity sensor
- Total data saving on KNX bus failure
- Integrated KNX BCU (TP1-256)
- Dimensions 55.5 x 55.5 x 37.3 mm
- Portrait or landscape flush mount on standard European and Swiss mounting box
- Conformity with the CE, RCM directives (marks on the back side)

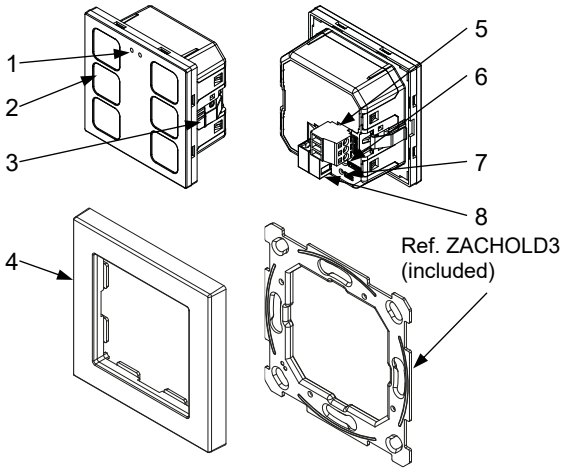



Figure 1: Tecla RGB 55 X1/X2/X4/X6

| | | | |
|---|---|---|---|
| 1. Proximity sensor | 2. Touch area | 3. Fixing clips | 4. Decorative frame (sold separately) |
| 5. Inputs connector | 6. Programming button | 7. Programming LED | 8. KNX connector |

Programming button: short press to set programming mode. If this button is held while plugging the device into the KNX bus, it enters the safe mode. In order to perform a KNX Secure factory reset, while the device is in safe mode, press the button for 10 seconds until the programming LED changes its state.
Programming LED: programming mode indicator (red). When the device enters the safe mode, it blinks (red) every half second. During the start-up (reset or after KNX bus failure) and if the device is not in safe mode, it emits a red flash.

## GENERAL SPECIFICATIONS

| CONCEPT | | | DESCRIPTION | |
|---|---|---|---|---|
| Type of device | | | Electric operation control device | |
| KNX supply | Voltage (typical) | | 29 VDC SELV | |
| | Voltage range | | 21-31 VDC | |
| | Maximum consumption | Voltage | mA | mW |
| | | 29 VDC (typical) | ZVITR55X1 (12.8)<br>ZVITR55X2 (13.1)<br>ZVITR55X4 (12.9)<br>ZVITR55X6 (14.9) | ZVITR55X1 (371.2)<br>ZVITR55X2 (379.9)<br>ZVITR55X4 (374.1)<br>ZVITR55X6 (432.1) |
| | | 24 VDC[1] | ZVITR55X1 (17.5)<br>ZVITR55X2 (17.5)<br>ZVITR55X4 (17.5)<br>ZVITR55X6 (20.0) | ZVITR55X1 (420.0)<br>ZVITR55X2 (420.0)<br>ZVITR55X4 (420.0)<br>ZVITR55X6 (480.0) |
| | Connection type | | Typical TP1 bus connector for 0.8 mm Ø rigid cable | |
| External power supply | | | Not required | |
| Operation temperature | | | 0 .. +55 °C | |
| Storage temperature | | | -20 .. +55 °C | |
| Operation humidity | | | 5 .. 95% | |
| Storage humidity | | | 5 .. 95% | |
| Complementary characteristics | | | Class B (residential) | |
| Protection class | | | III (100 V) | |
| Operation type | | | Continuous operation | |
| Device action type | | | Type 1 | |
| Electrical stress period | | | Long | |
| Degree of protection | | | IP20, clean environment | |
| Installation | | | Flush mount on back box | |
| Minimum clearances | | | Not required | |
| Response on KNX bus failure | | | Data saving according to parameterization | |
| Response on KNX bus restart | | | Data recovery according to parameterization | |
| Operation indicator | | | The programming LED indicates programming mode (red). Backlighting of touch areas depending on their parameterization. | |
| Weight | | | 62 g | |
| Housing material | | | PC (front part) / PC+ABS (rear part) FR V0 halogen free | |

[1] Maximum consumption in the worst-case scenario (KNX Fan-In model).

| INPUTS SPECIFICATIONS AND CONNECTIONS | |
|---|---|
| **CONCEPT** | **DESCRIPTION** |
| Number of inputs | 2 |
| Inputs per common | 2 |
| Operation voltage | 3.3 VDC in the common |
| Operation current | 1 mA @ 3.3 VDC (per input) |
| Switching type | Dry voltage contacts between input and common |
| Connection method | Pluggable screw terminal block (0.2 Nm max.) |
| Cable cross-section | 0.2-1.5 mm² (IEC) / 28-14 AWG (UL) |
| Maximum cable length | 30 m |
| NTC accuracy (@ 25 °C) [2] | ±0.5 °C |
| Temperature resolution | 0.1 °C |
| Maximum response time | 10 ms |

[2] For Zennio temperature probes.

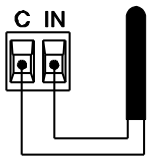
| INTERNAL TEMPERATURE SENSOR SPECIFICATIONS | |
|---|---|
| **CONCEPT** | **DESCRIPTION** |
| Measuring range | -30 .. +90 °C |
| Temperature resolution | 0.1 °C |
| NTC accuracy (@ 25 °C) [3] | ±0.5 °C |

[3] The accuracy of the NTC sensor may be reduced in case of keeping the backlight status LEDs permanently on.

## INPUTS CONNECTION

Any combination of the following accessories is allowed in the inputs:

**Temperature Probe***




**Zennio temperature probe.**

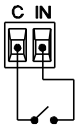
**Motion Sensor**




Up to two motion sensors can be plugged into the same device input (parallel wiring)

Screw terminal for connecting Zennio motion sensors

**Switch/Sensor/Push button**

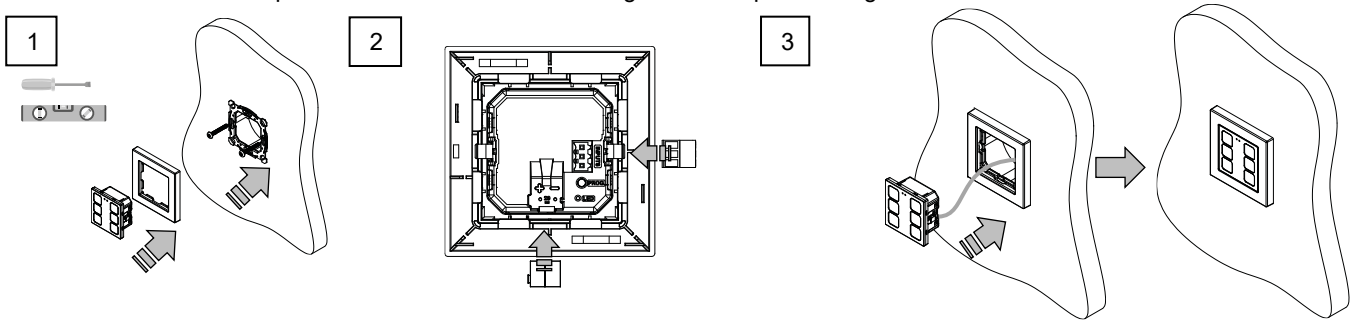



⚠ Commons of different devices must not be connected together.

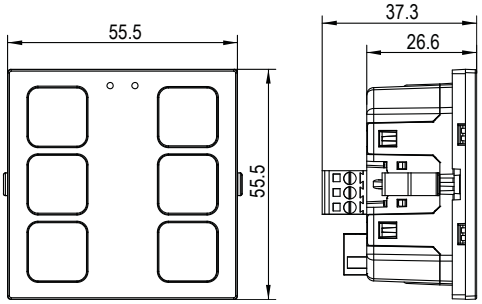
* Zennio temperature probe or any NTC with known resistance values at three points in the range [-55, 150 ºC].

## INSTALLATION INSTRUCTIONS

1. Fix the metal plate into a square or round back box by using the screws from the box, checking that it is levelled. Insert the device in the frame.
2. Connect the KNX bus and the inputs terminal to the back of the device.
3. Fit the device into its final position and check that the strength of the clips is enough to fix the device.




## DIMENSIONS (mm)




## SAFETY INSTRUCTIONS AND ADDITIONAL NOTES

- Installation should only be performed by qualified professionals according to the laws and regulations applicable in each country.
- Do not connect the mains voltage nor any other external voltage to any point of the KNX bus; it would represent a risk for the entire KNX system. The facility must have enough insulation between the mains (or auxiliary) voltage and the KNX bus or the wires of other accessories, in case of being installed.
- Keep the device away from water (condensation over the device included) and do not cover it with clothes, paper or any other material while in use.
- In order to improve the lifespan of the LED indicators, parameterising constant lighting is not recommended.
- The WEEE logo means that this device contains electronic parts and it must be properly disposed of by following the instructions at https://www.zennio.com/weee-regulation.
- This device contains software subject to specific licences. For details, please refer to https://zennio.com/licenses.
- EMC emission and immunity parameters are available on request.

# Tecla RGB 70 X1/X2/X4/X6

**PC-ABS Capacitive push button 70x70 with 1/2/4/6 buttons and custom icons**

**ZVITR70X1 / ZVITR70X2 / ZVITR70X4 / ZVITR70X6** **TECHNICAL DOCUMENTATION**

## FEATURES

- Customizable polycarbonate surface with 1/2/4/6 touch areas with RGB backlight and customizable icons through web application (https://tmd.zennioapps.com)
- Available colours, please refer to: https://www.zennio.com/finishes
- KNX Data Secure supported
- Thermostat
- 2 analog/digital inputs
- Built-in temperature sensor
- Touch confirmation through acoustic feedback
- Proximity sensor
- Total data saving on KNX bus failure
- Integrated KNX BCU (TP1-256)
- Dimensions 70.6 x 70.6 x 37.4 mm
- Portrait or landscape flush mount on standard European and Swiss mounting box
- Conformity with the CE, RCM directives (marks on the back side)

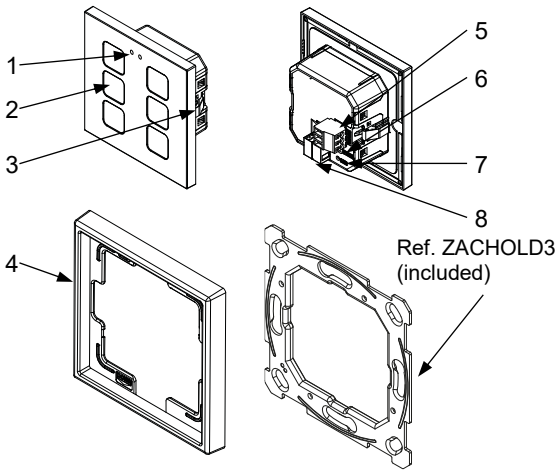



Figure 1: Tecla RGB 70 X1/X2/X4/X6

| | | |
|---|---|---|
| 1. Proximity sensor | 2. Touch area | 3. Fixing clips | 4. Decorative frame (sold separately) |
| 5. Inputs connector | 6. Programming button | 7. Programming LED | 8. KNX connector |

Programming button: short press to set programming mode. If this button is held while plugging the device into the KNX bus, it enters the safe mode. In order to perform a KNX Secure factory reset, while the device is in safe mode, press the button for 10 seconds until the programming LED changes its state.
Programming LED: programming mode indicator (red). When the device enters the safe mode, it blinks (red) every half second. During the start-up (reset or after KNX bus failure) and if the device is not in safe mode, it emits a red flash.

## GENERAL SPECIFICATIONS

| CONCEPT | | | DESCRIPTION | |
|---|---|---|---|---|
| Type of device | | | Electric operation control device | |
| KNX supply | Voltage (typical) | | 29 VDC SELV | |
| | Voltage range | | 21-31 VDC | |
| | Maximum consumption | Voltage | mA | mW |
| | | 29 VDC (typical) | ZVITR70X1 (13.1)<br>ZVITR70X2 (11.5)<br>ZVITR70X4 (19.0)<br>ZVITR70X6 (14.5) | ZVITR70X1 (379.9)<br>ZVITR70X2 (333.5)<br>ZVITR70X4 (551.0)<br>ZVITR70X6 (420.5) |
| | | 24 VDC[1] | ZVITR70X1 (17.5)<br>ZVITR70X2 (15.0)<br>ZVITR70X4 (25.0)<br>ZVITR70X6 (17.5) | ZVITR70X1 (420.0)<br>ZVITR70X2 (360.0)<br>ZVITR70X4 (600.0)<br>ZVITR70X6 (420.0) |
| | Connection type | | Typical TP1 bus connector for 0.8 mm Ø rigid cable | |
| External power supply | | | Not required | |
| Operation temperature | | | 0 .. +55 °C | |
| Storage temperature | | | -20 .. +55 °C | |
| Operation humidity | | | 5 .. 95% | |
| Storage humidity | | | 5 .. 95% | |
| Complementary characteristics | | | Class B (residential) | |
| Protection class | | | III (100 V) | |
| Operation type | | | Continuous operation | |
| Device action type | | | Type 1 | |
| Electrical stress period | | | Long | |
| Degree of protection | | | IP20, clean environment | |
| Installation | | | Flush mount on back box | |
| Minimum clearances | | | Not required | |
| Response on KNX bus failure | | | Data saving according to parameterization | |
| Response on KNX bus restart | | | Data recovery according to parameterization | |
| Operation indicator | | | The programming LED indicates programming mode (red). Backlighting of touch areas depending on their parameterization. | |
| Weight | | | 76 g | |
| Housing material | | | PC (front part) / PC+ABS (rear part) FR V0 halogen free | |

[1] Maximum consumption in the worst-case scenario (KNX Fan-In model).

| INPUTS SPECIFICATIONS AND CONNECTIONS | |
|---|---|
| **CONCEPT** | **DESCRIPTION** |
| Number of inputs | 2 |
| Inputs per common | 2 |
| Operation voltage | 3.3 VDC in the common |
| Operation current | 1 mA @ 3.3 VDC (per input) |
| Switching type | Dry voltage contacts between input and common |
| Connection method | Pluggable screw terminal block (0.2 Nm max.) |
| Cable cross-section | 0.2-1.5 mm² (IEC) / 28-14 AWG (UL) |
| Maximum cable length | 30 m |
| NTC accuracy (@ 25 °C) [2] | ±0.5 °C |
| Temperature resolution | 0.1 °C |
| Maximum response time | 10 ms |

[2] For Zennio temperature probes.

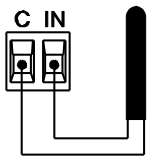
| INTERNAL TEMPERATURE SENSOR SPECIFICATIONS | |
|---|---|
| **CONCEPT** | **DESCRIPTION** |
| Measuring range | -30 .. +90 °C |
| Temperature resolution | 0.1 °C |
| NTC accuracy (@ 25 °C) [3] | ±0.5 °C |

[3] The accuracy of the NTC sensor may be reduced in case of keeping the backlight status LEDs permanently on.

## INPUTS CONNECTION

Any combination of the following accessories is allowed in the inputs:

**Temperature Probe***




**Zennio temperature probe.**

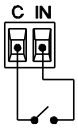
**Motion Sensor**




Up to two motion sensors can be plugged into the same device input (parallel wiring)

Screw terminal for connecting Zennio motion sensors

**Switch/Sensor/Push button**

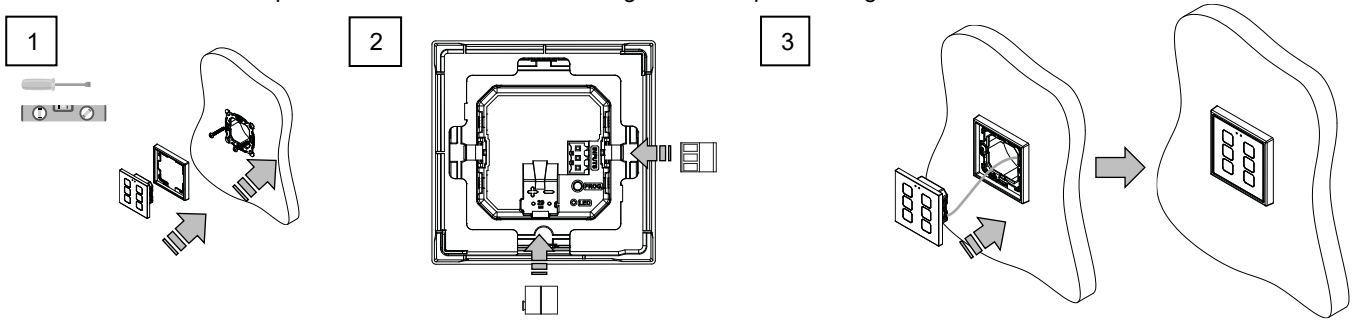



⚠ Commons of different devices must not be connected together.

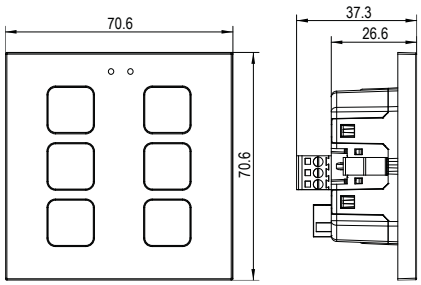
* Zennio temperature probe or any NTC with known resistance values at three points in the range [-55, 150 ºC].

## INSTALLATION INSTRUCTIONS

1. Fix the metal plate into a square or round back box by using the screws from the box, checking that it is levelled. Insert the device in the frame.
2. Connect the KNX bus and the inputs terminal to the back of the device.
3. Fit the device into its final position and check that the strength of the clips is enough to fix the device.




## DIMENSIONS (mm)




## SAFETY INSTRUCTIONS AND ADDITIONAL NOTES

- Installation should only be performed by qualified professionals according to the laws and regulations applicable in each country.
- Do not connect the mains voltage nor any other external voltage to any point of the KNX bus; it would represent a risk for the entire KNX system. The facility must have enough insulation between the mains (or auxiliary) voltage and the KNX bus or the wires of other accessories, in case of being installed.
- Keep the device away from water (condensation over the device included) and do not cover it with clothes, paper or any other material while in use.
- In order to improve the lifespan of the LED indicators, parameterising constant lighting is not recommended.
- The WEEE logo means that this device contains electronic parts and it must be properly disposed of by following the instructions at https://www.zennio.com/weee-regulation.
- This device contains software subject to specific licences. For details, please refer to https://zennio.com/licenses.
- EMC emission and immunity parameters are available on request.

# Tecla RGB 1/2/4/6/8

**PC-ABS Capacitive push button with 1/2/4/6/8 buttons and custom icons**

**ZVITR1 / ZVITR2 / ZVITR4 / ZVITR6 / ZVITR8** **TECHNICAL DOCUMENTATION**

## FEATURES

- Customizable polycarbonate surface with 1/2/4/6/8 touch areas with RGB backlight and customizable icons through web application (https://tmd.zennioapps.com)
- Available colours, please refer to: https://www.zennio.com/finishes
- KNX Data Secure supported
- Thermostat
- 2 analog/digital inputs
- Built-in temperature sensor
- Touch confirmation through acoustic feedback
- Proximity sensor
- Total data saving on KNX bus failure
- Integrated KNX BCU (TP1-256)
- Dimensions 82.5 x 82.5 x 37.1 mm
- Portrait or landscape flush mount on standard European, and Swiss mounting box
- Conformity with the CE, RCM directives (marks on the back side)

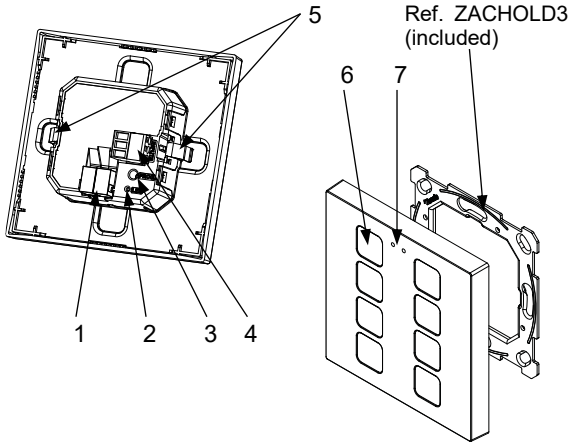



Figure 1: Tecla RGB 1/2/4/6/8

| | | | |
|---|---|---|---|
| 1. KNX connector | 2. Programming LED | 3. Programming button | 4. Inputs connector |
| 5. Fixing clips | 6. Touch area | 7. Proximity sensor | |

Programming button: short press to set programming mode. If this button is held while plugging the device into the KNX bus, it enters the safe mode. In order to perform a KNX Secure factory reset, while the device is in safe mode, press the button for 10 seconds until the programming LED changes its state.
Programming LED: programming mode indicator (red). When the device enters the safe mode, it blinks (red) every half second. During the start-up (reset or after KNX bus failure) and if the device is not in safe mode, it emits a red flash.

## GENERAL SPECIFICATIONS

| CONCEPT | | | DESCRIPTION | |
|---|---|---|---|---|
| Type of device | | | Electric operation control device | |
| KNX supply | Voltage (typical) | | 29 VDC SELV | |
| | Voltage range | | 21-31 VDC | |
| | Maximum consumption | Voltage | mA | mW |
| | | 29 VDC (typical) | ZVITR8 (21.3)<br>ZVITR6 (24.5)<br>ZVITR4 (24.0)<br>ZVITR2 (15.3)<br>ZVITR1 (13.5) | ZVITR8 (617.7)<br>ZVITR6 (710.5)<br>ZVITR4 (696.0)<br>ZVITR2 (443.7)<br>ZVITR1 (391.5) |
| | | 24 VDC[1] | ZVITR8 (27.5)<br>ZVITR6 (30.0)<br>ZVITR4 (30.0)<br>ZVITR2 (20.0)<br>ZVITR1 (17.5) | ZVITR8 (660.0)<br>ZVITR6 (720.0)<br>ZVITR4 (720.0)<br>ZVITR2 (480.0)<br>ZVITR1 (420.0) |
| | Connection type | | Typical TP1 bus connector for 0.8 mm Ø rigid cable | |
| External power supply | | | Not required | |
| Operation temperature | | | 0 .. +55 °C | |
| Storage temperature | | | -20 .. +55 °C | |
| Operation humidity | | | 5 .. 95% | |
| Storage humidity | | | 5 .. 95% | |
| Complementary characteristics | | | Class B (residential) | |
| Protection class | | | III (100 V) | |
| Operation type | | | Continuous operation | |
| Device action type | | | Type 1 | |
| Electrical stress period | | | Long | |
| Degree of protection | | | IP20, clean environment | |
| Installation | | | Flush mount on back box | |
| Minimum clearances | | | Not required | |
| Response on KNX bus failure | | | Data saving according to parameterization | |
| Response on KNX bus restart | | | Data recovery according to parameterization | |
| Operation indicator | | | The programming LED indicates programming mode (red). Backlighting of touch areas depending on their parameterization. | |
| Weight | | | 95 g | |
| Housing material | | | PC (front part) / PC+ABS (rear part) FR V0 halogen free | |

[1] Maximum consumption in the worst-case scenario (KNX Fan-In model).

| INPUTS SPECIFICATIONS AND CONNECTIONS | |
|---|---|
| **CONCEPT** | **DESCRIPTION** |
| Number of inputs | 2 |
| Inputs per common | 2 |
| Operation voltage | 3.3 VDC in the common |
| Operation current | 1 mA @ 3.3 VDC (per input) |
| Switching type | Dry voltage contacts between input and common |
| Connection method | Pluggable screw terminal block (0.2 Nm max.) |
| Cable cross-section | 0.2-1.5 mm² (IEC) / 28-14 AWG (UL) |
| Maximum cable length | 30 m |
| NTC accuracy (@ 25 °C) [2] | ±0.5 °C |
| Temperature resolution | 0.1 °C |
| Maximum response time | 10 ms |

[2] For Zennio temperature probes.

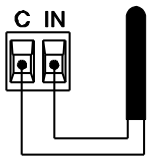
| INTERNAL TEMPERATURE SENSOR SPECIFICATIONS | |
|---|---|
| **CONCEPT** | **DESCRIPTION** |
| Measuring range | -30 .. +90 °C |
| Temperature resolution | 0.1 °C |
| NTC accuracy (@ 25 °C) [3] | ±0.5 °C |

[3] The accuracy of the NTC sensor may be reduced in case of keeping the backlight status LEDs permanently on.

## INPUTS CONNECTION

Any combination of the following accessories is allowed in the inputs:

**Temperature Probe***




**Zennio temperature probe.**

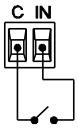
**Motion Sensor**




Up to two motion sensors can be plugged into the same device input (parallel wiring)

Screw terminal for connecting Zennio motion sensors

**Switch/Sensor/Push button**

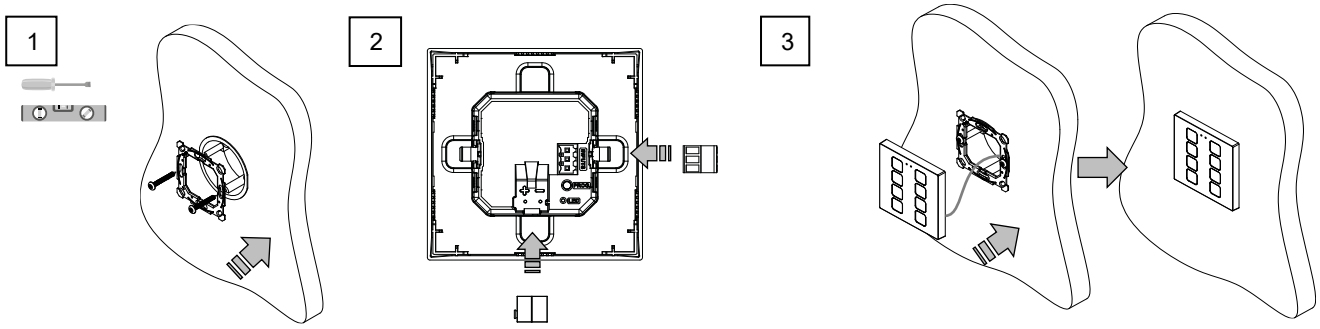



⚠ Commons of different devices must not be connected together.

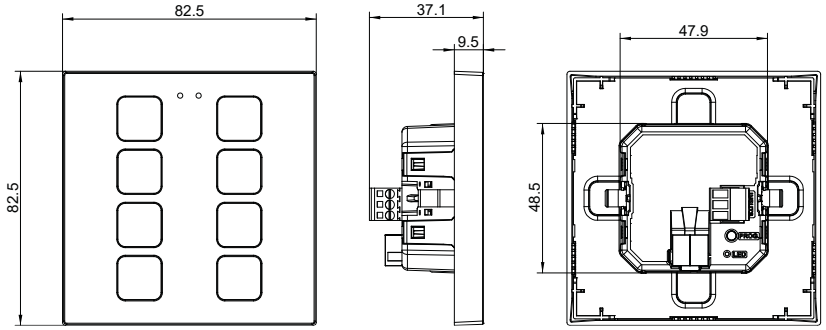
* Zennio temperature probe or any NTC with known resistance values at three points in the range [-55, 150 ºC].

## INSTALLATION INSTRUCTIONS

1. Fix the metal plate into a square or round back box by using the screws from the box, checking that it is levelled.
2. Connect the KNX bus and the inputs terminal to the back of the device.
3. Fit the device into its final position and check that the strength of the clips is enough to fix the device.




## DIMENSIONS (mm)




## SAFETY INSTRUCTIONS AND ADDITIONAL NOTES

- Installation should only be performed by qualified professionals according to the laws and regulations applicable in each country.
- Do not connect the mains voltage nor any other external voltage to any point of the KNX bus; it would represent a risk for the entire KNX system. The facility must have enough insulation between the mains (or auxiliary) voltage and the KNX bus or the wires of other accessories, in case of being installed.
- Keep the device away from water (condensation over the device included) and do not cover it with clothes, paper or any other material while in use.
- In order to improve the lifespan of the LED indicators, parameterising constant lighting is not recommended.
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- This device contains software subject to specific licences. For details, please refer to https://zennio.com/licenses.
- EMC emission and immunity parameters are available on request.

# Tecla RGB XL 4/6/8/10

**PC-ABS Capacitive push button with 4/6/8/10 buttons and custom icons**

**ZVITRXL4 / ZVITRXL6 / ZVITRXL8 / ZVITRXL10** **TECHNICAL DOCUMENTATION**

## FEATURES

- Customizable polycarbonate surface with 4/6/8/10 touch areas with RGB backlight and customizable icons through web application (https://tmd.zennioapps.com)
- Available colours, please refer to: https://www.zennio.com/finishes
- Supports KNX Data Secure
- Thermostat
- 2 analog/digital inputs
- Built-in temperature sensor
- Touch confirmation through acoustic feedback
- Proximity sensor
- Total data saving on KNX bus failure
- Integrated KNX BCU (TP1-256)
- Dimensions 119.1 x 79.6 x 37.2 mm
- Portrait or landscape flush mount on standard European, Italian, Australian and American mounting box
- Conformity with the CE, RCM directives (marks on the back side)

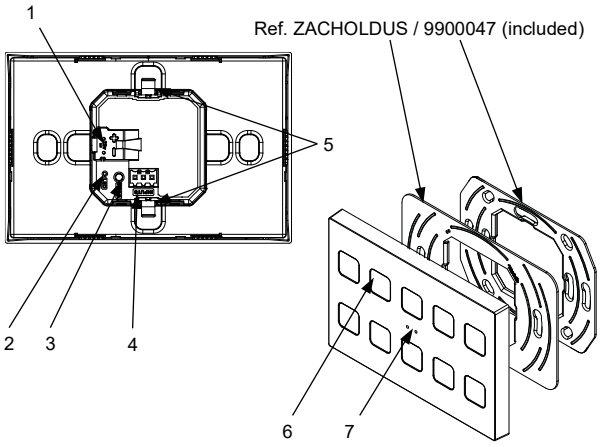



Figure 1: Tecla RGB XL 4/6/8/10

| | | | |
|---|---|---|---|
| 1. KNX connector | 2. Programming LED | 3. Programming button | 4. Inputs connector |
| 5. Fixing clips | 6. Touch area | 7. Proximity sensor | |

Programming button: short press to set programming mode. If this button is held while plugging the device into the KNX bus, it enters the safe mode. In order to perform a KNX Secure factory reset, while the device is in safe mode, press the button for 10 seconds until the programming LED changes its state.
Programming LED: programming mode indicator (red). When the device enters the safe mode, it blinks (red) every half second. During the start-up (reset or after KNX bus failure) and if the device is not in safe mode, it emits a red flash.

## GENERAL SPECIFICATIONS

| CONCEPT | | | DESCRIPTION | |
|---|---|---|---|---|
| Type of device | | | Electric operation control device | |
| KNX supply | Voltage (typical) | | 29 VDC SELV | |
| | Voltage range | | 21-31 VDC | |
| | Maximum consumption | Voltage | mA | mW |
| | | 29 VDC (typical) | ZVITRXL10 (28.0)<br>ZVITRXL8 (28.6)<br>ZVITRXL6 (28.8)<br>ZVITRXL4 (21.7) | ZVITRXL10 (812.0)<br>ZVITRXL8 (829.4)<br>ZVITRXL6 (835.2)<br>ZVITRXL4 (629.3) |
| | | 24 VDC[1] | ZVITRXL10 (30)<br>ZVITRXL8 (30)<br>ZVITRXL6 (30)<br>ZVITRXL4 (25) | ZVITRXL10 (720)<br>ZVITRXL8 (720)<br>ZVITRXL6 (720)<br>ZVITRXL4 (600) |
| | Connection type | | Typical TP1 bus connector for 0.8 mm Ø rigid cable | |
| External power supply | | | Not required | |
| Operation temperature | | | 0 .. +55 °C | |
| Storage temperature | | | -20 .. +55 °C | |
| Operation humidity | | | 5 .. 95% | |
| Storage humidity | | | 5 .. 95% | |
| Complementary characteristics | | | Class B | |
| Protection class | | | III | |
| Operation type | | | Continuous operation | |
| Device action type | | | Type 1 | |
| Electrical stress period | | | Long | |
| Degree of protection | | | IP20, clean environment | |
| Installation | | | Flush mount on back box | |
| Minimum clearances | | | Not required | |
| Response on KNX bus failure | | | Data saving according to parameterization | |
| Response on KNX bus restart | | | Data recovery according to parameterization | |
| Operation indicator | | | The programming LED indicates programming mode (red). Backlighting of touch areas depending on their parameterization. | |
| Weight | | | 112 g | |
| Housing material | | | PC (front part) / PC+ABS (rear part) FR V0 halogen free | |

[1] Maximum consumption in the worst-case scenario (KNX Fan-In model).

| INPUTS SPECIFICATIONS AND CONNECTIONS | |
|---|---|
| **CONCEPT** | **DESCRIPTION** |
| Number of inputs | 2 |
| Inputs per common | 2 |
| Operation voltage | 3.3 VDC in the common |
| Operation current | 1 mA @ 3.3 VDC (per input) |
| Switching type | Dry voltage contacts between input and common |
| Connection method | Pluggable screw terminal block (0.2 Nm max.) |
| Cable cross-section | 0.2-1.5 mm² (IEC) / 28-14 AWG (UL) |
| Maximum cable length | 30 m |
| NTC accuracy (@ 25 °C) [2] | ±0.5 °C |
| Temperature resolution | 0.1 °C |
| Maximum response time | 10 ms |

[2] For Zennio temperature probes.

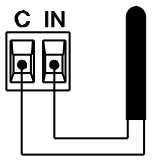
| INTERNAL TEMPERATURE SENSOR SPECIFICATIONS | |
|---|---|
| **CONCEPT** | **DESCRIPTION** |
| Measuring range | -30 .. +90 °C |
| Temperature resolution | 0.1 °C |
| NTC accuracy (@ 25 °C) [3] | ±0.5 °C |

[3] The accuracy of the NTC sensor may be reduced in case of keeping the backlight status LEDs permanently on.

## INPUTS CONNECTION

Any combination of the following accessories is allowed in the inputs:

**Temperature Probe***




**Zennio temperature probe.**

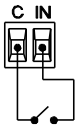
**Motion Sensor**




Up to two motion sensors can be plugged into the same device input (parallel wiring)

Screw terminal for connecting Zennio motion sensors

**Switch/Sensor/Push button**

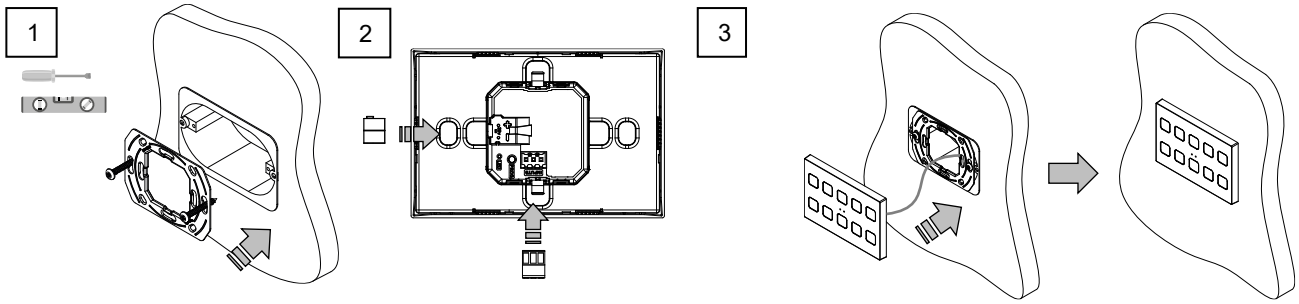



⚠ Commons of different devices must not be connected together.

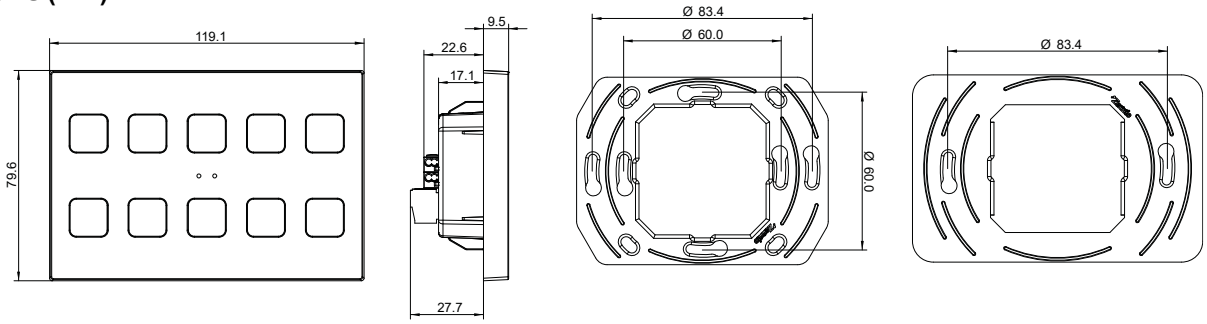
* Zennio temperature probe or any NTC with known resistance values at three points in the range [-55, 150 ºC].

## INSTALLATION INSTRUCTIONS

1. Fix the metal plate into a square or round back box by using the screws from the box, checking that it is levelled.
2. Connect the KNX bus and the inputs terminal to the back of the device.
3. Fit the device into its final position and check that the strength of the clips is enough to fix the device.




## DIMENSIONS (mm)




## SAFETY INSTRUCTIONS AND ADDITIONAL NOTES

- Installation should only be performed by qualified professionals according to the laws and regulations applicable in each country.
- Do not connect the mains voltage nor any other external voltage to any point of the KNX bus; it would represent a risk for the entire KNX system. The facility must have enough insulation between the mains (or auxiliary) voltage and the KNX bus or the wires of other accessories, in case of being installed.
- Keep the device away from water (condensation over the device included) and do not cover it with clothes, paper or any other material while in use.
- In order to improve the lifespan of the LED indicators, parameterising constant lighting is not recommended.
- The WEEE logo means that this device contains electronic parts and it must be properly disposed of by following the instructions at https://www.zennio.com/en/legal/weee-regulation.
- This device contains software subject to specific licences. For details, please refer to https://zennio.com/licenses.