



TS2 Key

Specification and Operating Instructions



Technical Data

Battery
12V 23A type

Storage temperature
-20°C to 70°C (-4 to 158°F)

Ambient temperature
0°C to 50°C (32 to 122°F)

Dimensions
56 x 36 x 16 mm (2.20 x 1.42 x 0.63 inch)

Description

The TS2 Key is a battery-powered device that can be used to load the set of parameters of a controller and then copy the same set to other controllers. Therefore, the key allows programming a series of devices with the same configuration on the production line and copying standard configurations for installers.

WARNING: The power for the copying operation is provided by the key itself, so the controller must not be powered.

Upload parameters from controller to key

- Open the case of the key and place the two dip-switches in the ON-KE position
- Close the case
- Connect the key to the connector of the controller
- Hold the key button pressed
- When the key led is green the parameters of the controller have been correctly uploaded to the key. Otherwise one of the following errors has occurred.
- If the key led is green flashing a low-battery error has happened. In this case replace the key battery.
- If the key led is red flashing a communication error has happened. In this case check if the key is correctly connected to the controller.

Download parameters from key to controller

- Open the case of the key and place the two dip-switches in the 1-2 position
- Close the case
- Connect the key to the connector of the controller
- Hold the key button pressed
- When the key led is green the parameters saved in the key have been correctly downloaded to the controller. Otherwise one of the following errors has occurred.
- If the key led is green flashing a low-battery error has happened. In this case replace the key battery.
- If the key led is red flashing (90% off, 10% on) a communication error has happened. In this case check if the key is correctly connected to the controller.
- If the key led is red flashing (10% off, 90% on) a memory error has happened. In this case the parameters saved in the key are not valid. To solve this problem upload a new set of parameters from a controller.
- If the key led is red and green flashing a type error has happened. In this case the key is connected to a non-compatible model. To solve this problem upload a new set of parameters from a controller of the same model.

Battery replacement

Use always 12V 23A batteries in its correct position.

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