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Product compendium UI Induktion

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# E.G.O. Product Compendium

## for EGO Control Units for Induction Stove Tops

### Instructions for Use/Handling

## 1. Name of Company

a. Manufacturer/supplier

E.G.O. Group

b. Street/PO Box

Blanc-und-Fischer-Platz 1-3

c. Postal Code/Town or City

75038 Oberderdingen  
Germany

d. Contact

Mrs. Benigna Wächter  
Telephone: +49 7045 45 67036  
E-mail: [benigna.waechter@egoproducts.com](mailto:benigna.waechter@egoproducts.com)

## 2. Product Name and Properties

a. Product description

Domino TC	75.13068.xxx
	75.13168.xxx
FlexTC	75.13106.xxx
	75.13107.xxx
Front TC	75.13069.xxx
	75.13169.xxx
	75.13070.xxx
	75.13170.xxx
K6 KC	75.04005.xxx
Lisa TC	75.13105.xxx
MultiLite TC	75.13114.xxx
Multislider TC	75.13100.xxx
TC Lite	75.13037.xxx
	75.13137.xxx
	75.13076.xxx
	75.13088.xxx

TC Lite Slider	75.13096.xxx 75.13196.xxx 75.13116.xxx
Select TC	75.13061.xxx 75.13161.xxx 75.13060.xxx 75.13160.xxx
Wave TC	75.13115.xxx
WAVE Touch	75.13126.xxx
LiteSlider SmartKii	75.13124.xxx
SlimSlider SmartKii	75.13130.xxx
SK 1	75.13162.xxx
VArio	75.1314x.xxx
Low End China TC	72.13001.xxx
High End China TC	72.13002.xxx
China Slider TC	72.13003.xxx
China Simple TC	72.13004.xxx

Other customized control units for induction stove tops

#### b. Use/application

Without prior consultation with E.G.O., EGO control units for induction stove tops may be used only for their designated purpose (household stove tops). Non-intended uses of EGO control units for induction stove tops may lead to hazards that are not described in this document.

EGO control units for induction stove tops are intended for supervised operation only [in accordance with EN60335-1].

EGO control units for induction stove tops must be operated exclusively in combination with EGO induction units.

#### c. Product structure

##### **Domino TC**

- Metallic spring element
- Plastic housing
- Operating & display board

##### **FlexTC**

- Plastic spacer
- Operating & display board(s)
- Connecting cable

##### **Front TC**

- Metallic spring element
- Plastic housing
- Operating & display board

##### **K6**

- Plastic spacer
- Display board
- Code switch
- Distributor board
- Connecting cable
- Knob fixture (optional)

### **Lisa TC**

- Plastic spacer
- Operating & display board

### **MultiLite TC**

- Metallic spring element
- Plastic housing
- Operating & display board

### **Multislider TC**

- Metallic spring element
- Plastic housing
- Operating & display board

### **TC Lite**

- Metallic spring element
- Plastic housing
- Operating & display board

### **TC Lite Slider**

- Metallic spring element
- Plastic housing
- Operating & display board

### **Select TC**

- Plastic spacer
- Operating & display board

### **Wave TC**

- Plastic spacer
- Operating & display board with TFT display

### **WAVE Touch**

- Metallic spring element
- Plastic housing
- Operating & display board with TFT display

### **LiteSlider SmartKii**

- Metallic spring element
- Plastic housing
- Operating & display board with SmartKii

#### **SlimSlider SmartKii**

- Metallic spring element
- Plastic housing
- Operating & display board with SmartKii

#### **SK1**

- Plastic spacer
- Operating & display board with SmartKii

#### **VArio**

- Adhesive tape
- Plastic housing
- Plastic spacer
- Operating & display board with SmartKii

#### **Low End China TC**

- Metallic spring element
- Plastic housing
- Operating & display board

#### **High End China TC**

- Metallic spring element
- Plastic housing
- Operating & display board

#### **China Slider TC**

- Metallic spring element
- Plastic housing
- Operating & display board

#### **China Simple TC**

- Metallic spring element
- Plastic housing
- Operating & display board

### d. Product features

#### **Voltage ranges/frequencies**

In accordance with the induction unit used

#### **DC Supply**

+12 V DC, +5 V DC  
+5 V DC

all control units (except Flex TC and SK 1)  
Flex TC, SK 1

#### **Undervoltage protection**

In accordance with the induction unit used

#### **Overvoltage protection**

In accordance with the induction unit used

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### **Standby consumption**

Requirements of EC No. 1275/2008 Annex 2 are met by the control units for induction stove tops.

### 3. Potential Hazards

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a. General

EGO control units for induction stove tops are not dangerous substances in the sense of the EC Dangerous Preparations Directive (1999/45/EC) or the German Hazardous Substances Ordinance (GefStoffV) and thus are not subject to labeling requirements.

b. Storage

Before the system is commissioned, it is important to ensure that no condensation has developed on the electronics. An atmospheric humidity test is to be carried out on the control units at max. 40 °C.

c. Fitting/handling

The components supplied must be installed by qualified electricians only [in accordance with DIN VDE 0105].

A suitable cable must be used to connect the EGO control units for induction stove tops (LIN bus cable).

d. Use/operation

EGO control units for induction stove tops are used only in conjunction with induction units. Consult the product compendium for the relevant induction unit for potential hazards.

e. Environment/ecology

No negative effects on the environment are anticipated if used as intended and disposed of properly.

### 4. Notes on Use

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a. General

The EGO control units for induction stove tops may be used in household stove tops only (intended use). Hot objects on the display of the user interface may cause damage on the electronic. For that reason hot pots or pans should never be placed in the area of the display.

Without prior consultation with E.G.O., EGO control units for induction stove tops may be used only for their designated purpose. Non-intended use of EGO control units for induction stove tops may lead to hazards that are not described in this document. Additional specifications can be found on the respective type drawings.

b. Servicing

The EGO control units for induction stove tops are maintenance-free and therefore do not require servicing at specified intervals.

c. ESD requirements

Requirements under IEC 61340-5-1:2007 Electrostatics are to be observed.

d. Working/transport temperature and humidity

- Transport:  
-20 °C – +70 °C  
→ important: no condensation
- Operating temperature:  
0 °C – 85 °C max. 95 % rel. humidity (control units except Wave TC)  
0 °C – 80 °C, max. 95 % rel. humidity (Wave TC and WAVE Touch)  
→ important: no condensation

e. Restrictions

EGO control units for induction stove tops are intended exclusively for household use.

f. Fitting and installation information

- Assembly and installation instructions for EGO Domino TC can be found in document 90.60083.755.
- Assembly and installation instructions for EGO Flex TC can be found in document 90.60060.349.
- Assembly and installation instructions for EGO Front TC are available on request.
- Assembly and installation instructions for EGO K6 user interface can be found in document 90.60060.234.
- Assembly and installation instructions for EGO Lisa TC can be found in document 90.60095.515.
- Assembly and installation instructions for EGO MultiLite TC can be found in document 90.60060.341.
- Assembly and installation instructions for EGO Multislider TC are available on request.
- Assembly and installation instructions for EGO Lite TC can be found in document 90.60060.277.
- Assembly and installation instructions for EGO Lite Slider can be found in document 90.60060.209.
- Assembly and installation instructions for EGO Select TC are available on request.
- Assembly and installation instructions for EGO Wave TC can be found in document 90.60040.541.
- Assembly and installation instructions for EGO Lite Slider Smart Kii TC can be found in document 90.60080.646.
- Assembly and installation instructions for EGO Slim Slider Smart Kii TC can be found in document 90.60081.217.
- Assembly and installation instructions for EGO SK 1 TC can be found in document 90.60173.984.
- Assembly and installation instructions for EGO VARio TC can be found in document 90.60112.428.
- Assembly and installation instructions for EGO Low End China TC are available on request
- Assembly and installation instructions for EGO High End China TC are available on request.
- Assembly and installation instructions for EGO China Simple TC are available on request.

g. Recommended notes for the operating manual

- Information for the operating manual for systems with EGO Domino TC can be found in document 90.60083.755.
- Information for the operating manual for systems with EGO Flex TC can be found in document 90.60060.349.
- Information for the operating manual for systems with EGO Front TC are available on request.
- Information for the operating manual for systems with EGO K6 user interface can be found in document 90.60060.234.
- Information for the operating manual for systems with EGO Lisa TC can be found in document 90.60095.515.
- Information for the operating manual for systems with EGO MultiLite TC can be found in document 90.60060.341.
- Information for the operating manual for systems with EGO Multislider TC are available on request.
- Information for the operating manual for systems with EGO Lite TC can be found in document 90.60060.277.
- Information for the operating manual for systems with EGO Lite Slider can be found in document 90.60060.209.
- Information for the operating manual for systems with EGO Select TC are available on request.
- Information for the operating manual for systems with EGO Wave TC can be found in document 90.60040.541.
- Information for the operating manual for systems with EGO Lite Slider Smart Kii TC can be found in document 90.60080.646.
- Information for the operating manual for systems with EGO Slim Slider Smart Kii TC can be found in document 90.60081.217.
- Information for the operating manual for systems with EGO SK 1 TC can be found in document 90.60173.984.
- Information for the operating manual for systems with EGO Vario TC can be found in document 90.60112.428.
- Information for the operating manual for systems with EGO Low End China TC are available on request
- Information for the operating manual for systems with EGO High End China TC are available on request.
- Information for the operating manual for systems with EGO China Simple TC are available on request.

## 5. Notes on Storage

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a. Storage temperature

-20 °C – +70 °C → important: no condensation

## 6. Notes on Disposal

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Metal parts and packaging are to be recycled or reused in accordance with the applicable regional/national provisions [under 2002/96/EC Waste Electrical and Electronic Equipment].



## 7. Relevant Regulations

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### a. Standards/norms

#### **Environmental regulations**

All components used by E.G.O. have been released by our suppliers in accordance with the REACH Regulation [1907/2006/EG], RoHS [2011/65/EU] and WEEE [2002/96/EC].

#### **Safety regulations**

- EN 60335-1 Safety of electronic components for household use and similar purposes.
- EN 60335-2-6 Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
- EN 60730-1 Automatic electrical controls for household and similar use
- EN 60730-2-11 Particular requirements of energy regulators

#### **Usability**

- EN 60350 (draft) Electric cooking ranges, hobs, ovens and grills for household use. Methods for measuring performance

#### **EMC standard**

- EN 55011 Electromagnetic disturbance
- EN 61000 – 3 Harmonic current emissions
- EN 55014 – 2 Electromagnetic compatibility
- EN 50366 and EN 62233 Electromagnetic fields

### b. Transport regulations

- IEC 68-2-31 Transport test for unpackaged components
- IEC 68-2-32 Transport test for packaged components
- IEC 68-2-6 Vibration test for unpackaged components

→No hazardous materials

### c. Product approvals

EGO control units for induction stove tops are VDE-certified.

## 8. Other Information

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### a. General

It is expressly pointed out that EGO control units for induction stove tops may be used only for the use designated in this product compendium.

More information about application and use can be found in the respective publications and type drawings.

All information is based on the current state of technology. It includes the necessary safety measures and does not constitute a warranty of specific features.

### b. Changes from previous version

2017-07-07:

- Supplement of TCs Flex und LiteSlider at section 2.a.)
- Added TCs LiteSlider SmartKii, SlimSlider SmartKii, Low End China TC, High End China TC, China Slider TC and China Simple TC at section 2. a.) and c.)
- Supplement at section 4.a.) ” Hot objects on the display of the user interface may cause damage on the electronic. For that reason hot pots or pans should never be placed in the area of the display.”
- Standards adapted to current versions
- Phrasing re-worked

2018-02-12:

- Standard TC removed at sections 2.a and 2.c
- Detailed information at sections 4.f and 4.g added

2022-08-08:

- Contact data updated
- Information about SK 1 TC added

2022-08-11:

- Information about VArio TC added