ARCUS

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What makes us different, all the support for the KNX integrator.

Touch_IT C3

Touch display 3,5" for the visualization and control of KNX systems. Configuration takes place from the ETS with no need of additional software. The end user can choose from the different outlines and available colour patterns in order to change the appearance of the interface, directly from the display!

- Display resolution: 320x240, 256K colours.
- 196 Communication objects.
- 5 pages with up to 8 visualization/control elements each.
- Customized icons.
- RGB Control.
- Weekly schedules that can be edited by the end user.
- Alarm clock and countdown (it beeps and send group addresses) functions.
- Room thermostat function.
- It allows the protection of each control element with a password.
- It shows KNX text chains messages (14 bytes).
- Additional page for alarm management.
- Buzzer for alarm signal.
- Optionally, micro SD slot for on-line KNX telegram logging.
- Screen saver with fixed image or animated .gif.
- Additional power supply (9-32VDC, 1.5VA) needed.
- Standard flush-mounting box.
- Integrated Bus Coupling Unit.

WEB CODE	ORDER Nr.	DESCRIPTION	LIST PRICE	P.G.
9992	22310200	TOUCH DISPLAY TOUCH_IT C3, ALUMINIUM	396,00	7

Water Quality Sensor

For measuring all necessary parameters which determine the quality of water in swimming pools, fish tanks, ponds, service water systems, etc.

- Measurement of pH Value (concentration of hydrogen ions).
- Measurement of ORP level (Redox potential).
- Measurement of water temperature (using a PT1000 sensor, not included).
- The pH and ORP values can be sent as 1 byte, 2 bytes or 4 bytes.
- Two-point, PI or PWM control of pH and ORP levels.
- Communication objects for manual calibration.
- Automatic calibration, if using the temperature sensor.
- Maximum and minimum thresholds.
- 2 potential-free inputs.
- Integrated Bus Coupling Unit.

WEB CODE	ORDER Nr.	DESCRIPTION	LIST PRICE	P.G.
9151	30802001	WATER QUALITY SENSOR	398,00	5

Soil Temperature And Humidity Sensor

Equipped with a external sensor that must be inserted into the ground for the measurement of soil temperature and humidity. It has multiple applications, from an advanced and precise watering system (not only based in time schedules) to the humidity management for special crops, insect breeding, etc.

- Measurement of soil temperature value.
- Measurement of soil humidity value (suction power) in hPa.
- The values can be sent as 2 bytes or 4 bytes.
- Two-point, PI or PWM control of temperature.
- Two-point, PI or PWM control of humidity.
- Maximum and minimum thresholds.
- Also available with P1000 additional sensor for measuring temperature and humidity of the air.

WEB CODE	ORDER Nr.	DESCRIPTION	LIST PRICE	P.G.
9169	30805001	SOIL TEMPERATURE AND HUMIDITY SENSOR	298,00	5
10023	30805021	SOIL AND AIR TEMPERATURE AND HUMIDITY SENSOR	335,00	5

DMX Gateway

Interface between the KNX bus and the DMX bus. The DMX bus is generally used for the control of stage lighting, as well as LED illumination in homes, offices, buildings, etc. This gateway is a master device in the DMX bus and allows the control of 512 channels.

- ETS configuration is not required.
- Functions per channel:
  - On/Off.
  - Dimming.
  - Set value.
- 2 firmware versions available:
  - Firmware 512 channels:
    - Control of 512 DMX channels.
    - 8 scenes.
  - Firmware 32 channels:
    - Control of 32 DMX channels.
    - 64 scenes.
    - It sends the status value (1 byte) of all 32 channels.
    - Up to 4 sequences that can be programmed by the end user.

WEB CODE	ORDER Nr.	DESCRIPTION	LIST PRICE	P.G.
7982	40120186	DMX GATEWAY	325,00	7

Gateway RS-232/RS-485

Bidirectional interface between KNX and the serial interface RS232 and RS485. It allows the easy integration in the KNX bus of conventional components which have RS-232 or RS-485 ports.

- Bidirectional: KNX telegrams are created when a serial telegram is received; also, it receives KNX telegrams and generates serial telegrams.
- RS232: 115,2 KBaud max.
- RS485: 250.0 KBaud max.
- Up to 200 serial strings.
- The strings sent by the serial port might include the value of the triggering group address.
- The strings received by the serial port might be analysed to extract a value and send it like the value of the linked group address.

WEB CODE	ORDER Nr.	DESCRIPTION	LIST PRICE	P.G.
9653	40220186	GATEWAY RS-232/RS-485	325,00	7