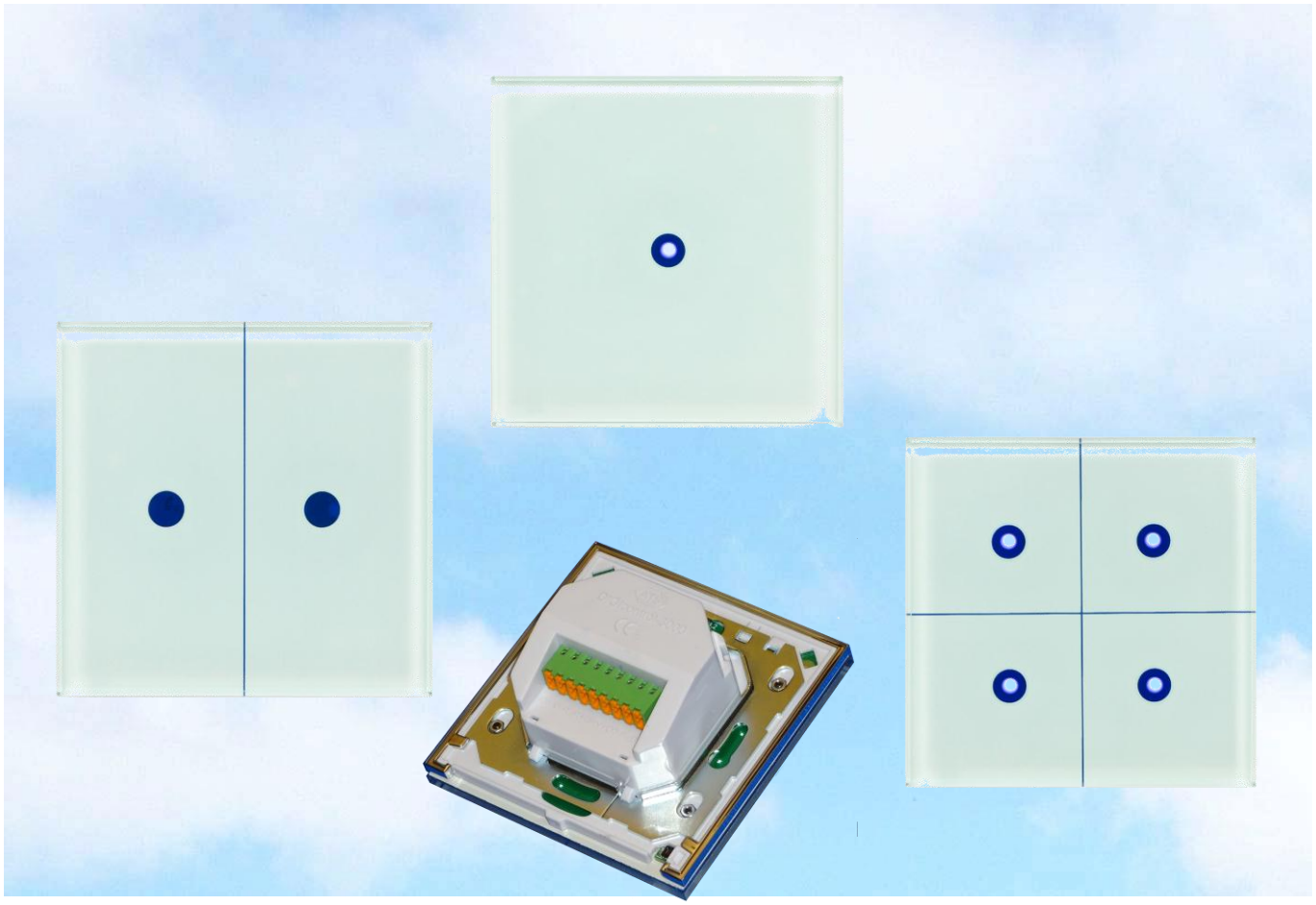
Light control Crystal glass light switch



DIGIcontrol-TN1/-TN2/-TN4

- Tempered crystal glass light switch
- 1, 2 or4 capacitive touch keys
- 4 swipe key areas for up/down & left/right
- 4 configurable feedback LED’s
- High precision temperature & humidity sensor
- 2 supervised digital inputs
- Configurable feedback & alarm buzzer
- AES encrypted high security Bus (IBB/S) interface
- Coded relay option
- Customer specific colour options

DIGIcontrol-TN1/-TN2/-TN4 Multifunction light switch

DIGIcontrol-TNx digital touch switch is an advanced version of the famous DIGIcontrol-TSx series. In addition it includes also a temperature & humidity sensor and all versions incorporate a "swipe function" for up/down and left/right command to steer shades, curtains and light scenes. A new mounting method allows easy installation and chromed secure ring closes the gap between glass and wall.

The outstanding glass surface design with touch sensor technology in a light switch form factor allows an easy installation in a standard light switch DIN-Box. The tempered crystal glass only front ensures an easy cleaning and long lifetime without any symptoms of age.

A integrated high precision temperature & humidity sensor makes single room temperature control and monitoring very easy without the need of additional units, installation and maintenance costs. The V4 reporting system allows individual reporting intervals with min, max and average measurement values for long time environmental monitoring.

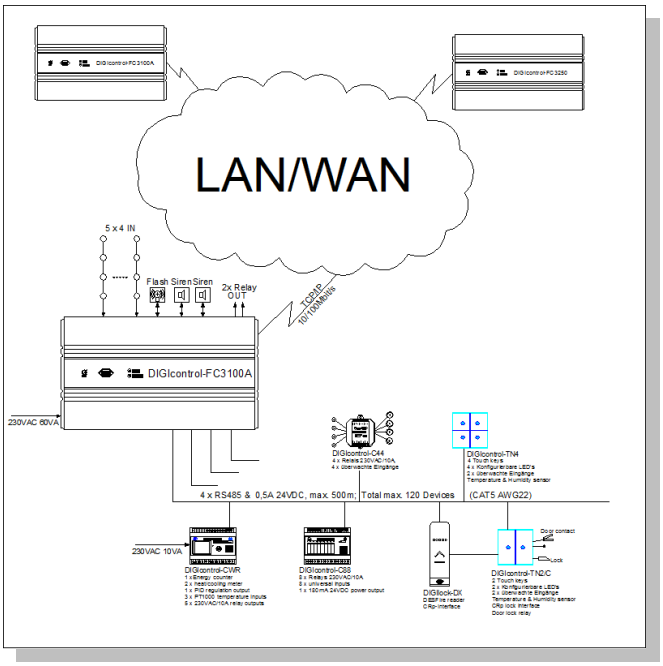
Each touch key position includes a single colour LED which is individual configurable with the feedback light circuit and operation mode (on or off if light circuit is active). An integrated buzzer gives a feedback when a key or a swipe function is executed. The buzzer can also be configured with any system wide alarm function with an alternate beep signal.

Two supervised digital inputs can be used for door contact, alarm inputs, egress button or other useful functions.

A removable connector on the back box is featuring an easy installation to interface with the **I**ntelligent **B**uilding **B**us (IBB/S), the two monitored inputs. An alternate Version (-TCx) has a coded relay interface to control a door lock from the save side of the door without the need of an extra unit.

The ATS-click mounting method makes installations easy & secure. A special chromed frame allows a secure and gapless wall joint for a perfect look.

Different ceramic colour designs are available on customer requests for a perfect match with the building interior design.



Technical Data

DIGIcontrol-TN4:

32-bit ARM Cortex-M4 & ARM Cortex-M0+ CPU (Touch)
Memory: 256kb Flash & 32kB SRAM
IBB/S network interface
1 High-End calibrated digital humidity & temperature sensor
humidity ±1,8%RH (10-90%), temperature ±0,2°C (0-60°C)
2 supervised digital inputs
1 Relay 24V/6A (-TCx only)
4 Blue configurable feedback LED's
4 Touch keys, 4 Swipe areas
V4 analogue reporting system for temperature & humidity
2 internal service inputs for tamper and bus voltage
Operating temperature: -10° to +45°C
Dimensions: W82 x H82 x D8,5 mm
Power: 10,5-23 VDC from IBB Supply / 30mA max.

Delivery Contents:

DIGIcontrol-TNx complete with installation and wiring instructions

Variations:

DIGIcontrol-TN2 Two touch key and 4 swipe area version of DIGIcontrol-TN4

DIGIcontrol-TN1 Single touch key and 4 swipe area version of DIGIcontrol-TN4

DIGIcontrol-TC1/-TC2/TC4
As -TNx but with coded relay interface and door lock relay for door control from the save side of the door. This avoids the need of an extra DIGIlock-CRp module for door lock control of connected access control readers.

Information contained in this document is correct at time of publication (201118) and subject to change without notice.