

Nr. 3006.1911.17.7001EN

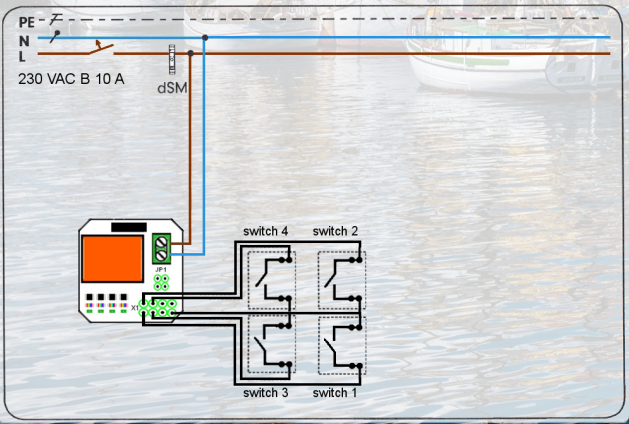
digitalSTROM IC T4L-LED-DK



| Assignment | X1 | Lauritz Knudsen |
|------------|-----------|-----------------|
| 1 | Input 1 | White ØH |
| 2 | Input 2 | Brown ØV |
| 3 | Input 3 | Green NH |
| 4 | Input 4 | Yellow NV |
| 5 | NC | Gray |
| 6 | LED Out 1 | Pink Ø |
| 7 | GND | Blue - |
| 8 | LED Out 2 | Red N |

| Display | On PCB |
|---------|-----------|
| 1 | LED 1 - 4 |
| 2 | LED dS |

| JP1 | Brightness of external LEDs |
|-----|-----------------------------|
| 1-2 | 100% |
| 3-4 | 33% |



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We are digitalSTROM Alliance partner

Switch module 4 lines
with LED supply
new dS 300er technology

Article no.: 3006.1911.17.7001

GTIN: 4260385581778



Short description:

The "IC T4L-LED-DK" is designed for the integration of low voltage button into the digitalSTROM system. It is particularly suitable for the incorporation of Lauritz Knudsen tops. Both the push button voltage and the external LED supply are provided by the T4L LED-DK. The module has the dS function features of the SW-SKM 300 terminal. This allows 4-way pushbutton elements to perform up to 16 functions in the dS system.

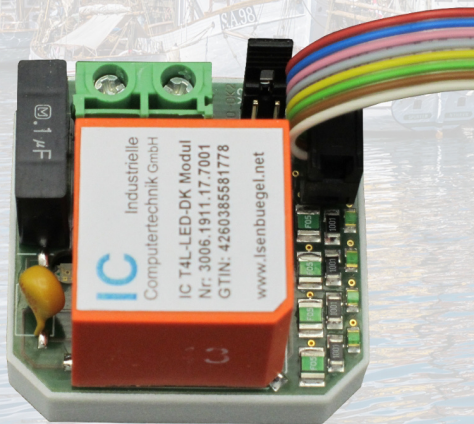
The line voltage for the connected buttons is provided by the T4L-LED-DK module with 15 V DC and a current of approx. 9 mA. For service and commissioning, each line is equipped with an internal LED, which is on when the button is pressed.

The low voltage side is galvanically isolated from the mains with > 2KV. The module is installed in the flush-mounted / switch box. With its dimensions of L = 41 mm, W = 41 mm and h = 27mm, it also fits in a Danish standard flush-mounted box.

Due to the integrated dS joker function (black) an assignment in the dS system is possible beside yellow (light), for example also for gray (shadow).

Status display dS System (LED):

The LED lights up brightly if at least one sensor status is "1". Otherwise, it is dark (operation check). If the status of one of the sensors changes, the LED flashes briefly.



Assembly:

Installation is carried out in the flush box. After the electrical connection and the power supply has been switched on, the module automatically signals itself to the digitalSTROM meter in the circuit distributor (a separate dSID for each of the four lines).

Operating modes:

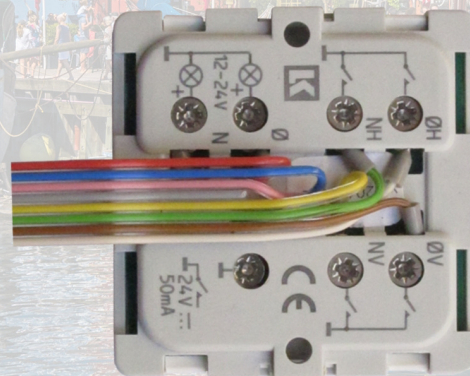
The operating mode can be changed using the installation software of the digitalSTROM server.

digitalSTROM Configurator

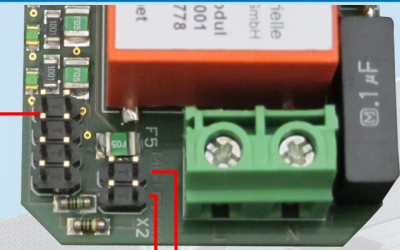
| digitalSTROM Configurator | | | | |
|---------------------------|----------|-------------|-------------------|--------|
| Meters | | | | |
| Status | Name | ID | Number of Devices | |
| ● | K11 | 00004da2 | 29 | |
| Devices | | | | |
| Name | ID | Output Mode | Input Mode | Input |
| ● | 000dc24b | | Presets 0-4 | Line 4 |
| ● | 000dc24a | | Presets 0-4 | Line 3 |
| ● | 000dc249 | | Presets 0-4 | Line 2 |
| ● | 000dc248 | | Presets 0-4 | Line 1 |

Service:

Each input operates independently. Each input can be individually configured.



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Pin1 Occupancy table overleaf 33% 100%

The jumpers are for the individual adjustment of the external button LEDs. It is possible to select between 2 light intensities (100% 33%).

Without bridge, the LEDs on the button are off.

Registration to the digitalSTROM system:

The LED on the basic board flashes quickly when you log on to a digitalSTROM system. The status LED indicates the device group color of the most recently activated input.

Technical specifications:

Nominal input voltage / frequency 230 V AC / 50 Hz
 Power approx. 0.3 W
 Technical data Inputs galvanically isolated
 Voltage input lines ca.15 V DC, approx. 9 mA
 Voltage for external LED 15 VDC / max. 9 mA
 External contacts to be connected potential free
 Supplied cable 100 mm
 Terminals max. 1,5 mm²
 Dimension 41 x 41 x 27 mm
 Protection class (dry rooms) IP20 EN 60529
 Permissible ambient temp. (Operation) -5 ° C ... +40 ° C

Permissible ambient humidity (operation)
 <80% RH non-condensing

Data transmission via 230 V AC network
 DigitalSTROM protocol V1.0

RoHS



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