digitalSTROM
IC T4L-LED Modul
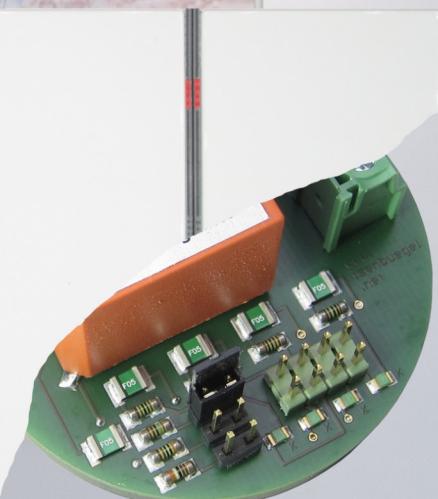
Connection variant 1

Occupancy X1		Cable	JUNG 4224 TSM
1	GND	red	- LED terminal
2	+ 15VDC	blue	+ button clamp
3	external LEDs	pink	1,3,5,7 LED clamp
4	n.c.	gray	
5	Input 3	yellow	7 Terminal button
6	Input 4	green	5 Terminal button
7	Input 1	brown	1 Terminal button
8	Input 2	white	3 Terminal button

Connection variant 2

1	GND	red	- LED terminal
2	+ 15VDC	blue	+ button clamp
3	n.c	pink	
4	n.c.	gray	
5	Input 3	yellow	7 Terminal button
6	Input 4	green	5 Terminal button
7	Input 1	brown	1 Terminal button
8	Input 2	white	3 Terminal button

2-2 / 4-4 / 6-6 / 8-8 are bridged

PE
N
L
230 VAC   B 16 A   dSM

Taster 4   Taster 2

Taster 3   Taster 1
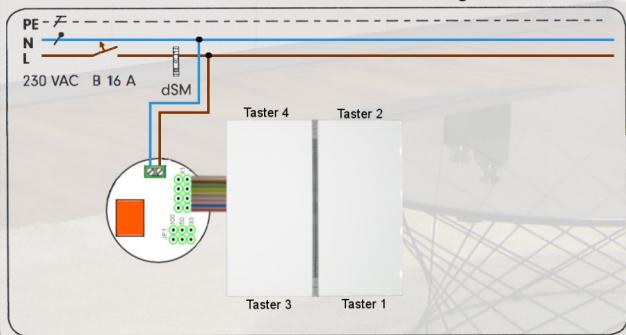
IC Industrielle
Computertechnik GmbH

Konkordiastr. 11
D-40219 Düsseldorf
Telefon: +49 211 9011680
Telefax: +49 211 396569

www.Isenbuegel.net

info@Isenbuegel.net

digitalSTROM ALLIANZ

We are digitalSTROM Allianz partners

Tool-free connection of F40 JUNG buttons

Artikel Nr.: 3006.1911.17.5001

GTIN: 4260385581754

Brief description:

The "IC T4L-LED module" is designed for the integration of low voltage pushbuttons in the digitalSTROM system. This data sheet describes the tool-free connection of a 4-gang pushbutton from the JUNG 4224 TSM series. The button series is used in the switch ranges A, CD and LS. As well the button voltage and the external LED supply, are provided by the T4L-LED. The module has the dS functional features of the SW-TKM 200 terminal. This means that 4-fold button elements can perform up to 16 functions in the dS system.

The line voltage for the connected buttons is provided by the T4L-LED module with 13 V DC and a current of approx. 11 mA. For service and commissioning, each line is equipped with an internal LED (circuit board) which lights up, when the button is closed. Two connection variants are available for the external LEDs on the JUNG button.

The low voltage side is galvanically isolated from the network with> 2KV. The module is installed in the flush-mounted / switch box. With its dimensions of d = 54mm and h = 26mm, it also fits in standard boxes.

The integrated dS joker function (black) enables assignment in the dS system in addition to yellow (light), for example also for gray (shadows).

100%   50%   33%   Pin1 Belegungstabelle umseitig
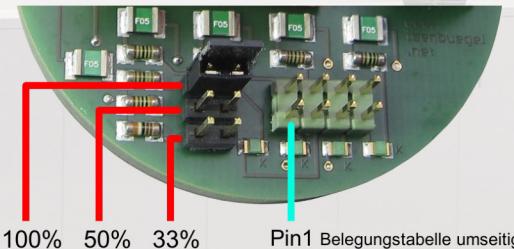
The jumpers are for individual adjustment of the external button LEDs. You can choose between 3 light intensities (100% 50% 33%).


Enclosed connection cable for low voltage buttons. The bridges of connection variants 1/2 lie here.

Assembly:

It is installed in the flush-mounted box. After the electrical connection and switching on the power supply, the module automatically logs on to the digitalSTROM Meter in the circuit distributor (a separate dSID for each of the four lines).

Connection variant 1
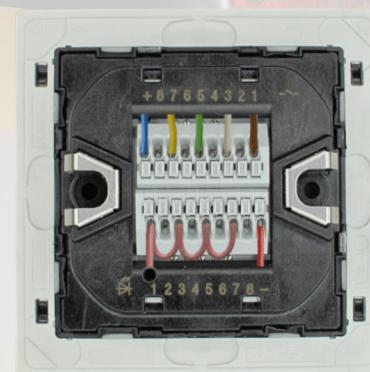
Color assignment Connection to JUNG F40 4224 TSM function, LED always on.

Connection variant 2
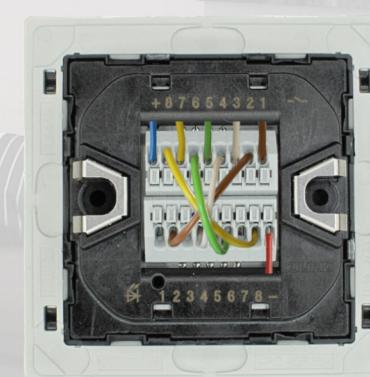
Color assignment Connection to JUNG F40 4224 TSM function, LEDs light up when the button is operated.

digitalSTROM® is a registered trademark of Digitalstrom AG

JUNG® is a registered trademark of Albrecht Jung GmbH & Co.KG.

Operating modes:

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

Status display dS system (LED):

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

Technical specifications:

Nominal input voltage / frequency .... 230 V AC / 50 Hz
Power consumption .... approx. 0.5 W
Technical data inputs .... galvanically isolated
Voltage input lines .... approx. 13 V DC, approx. 11 mA
Voltage for external LED .... 15 VDC / max. 10mA
Contacts to be connected externally .... potential-free
Enclosed connecting cable 100mm
Connection terminals .... .Max. 1.5mm²
Installation dimensions .... Ø 54 x 26mm
Degree of protection (dry rooms) .... IP20 EN 60529
Permitted ambient temp. (Operation) .... 0 ° C ... +40 ° C

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

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

RoHS

IC Industrielle Computertechnik GmbH