



digitalSTROM IC T8L-LED



compatible to 8-way
Gira pushbutton sensor4

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Brief description:

The dSready "IC T8L-LED" module is designed for the integration of 8-way pushbuttons of the type Gira pushbutton sensor4 (24V) into the digitalSTROM system. Both the button voltage and the external LED supply are provided by the T8L-LED. The module has the dS functional features of the SKM 300 technology. This allows the 8-way button elements to perform up to 32 functions in the dS system. Each button press is indicated by the relevant LED.

The low voltage for the connected buttons is provided by the IC T8L-LED module with approx. 15V DC and a current of approx. 9 mA per line.

The low-voltage side is galvanically separated from the mains with >2KV. The module is installed in a flush-mounted / switch box. With its dimensions of d=54mm and h=28mm, it fits into deep flush-mounted boxes.

Thanks to the integrated dS joker function (black), an assignment in the digitalSTROM system is not only possible for yellow (light) but also for gray (shade), for example.

The colored ribbon cable supplied is equipped with identification labels so that it can be easily connected to the push button sensor.

The picture on page 1 shows a push button sensor4 anthracite item no. 5054028 and an 8-way rocker aluminum black item no. 5024126 with labeling.

digitalSTROM-Konfigurator

Apps Aktivitäten Räume Gruppen System **Hardware** Hilfe

Meter & Controller

Sta... Name ID Anzahl... Neue G... L... Software

Geräte

Name	ID	A...	Eingangs Mo...	Ein...	S...	Raum Name
T8L-LED Taster 1	029daf08		Stimmung 0-4	Ein...		Produktion Halle 2
T8L-LED Taster 2	029daf09		Stimmung 0-4	Ein...		Produktion Halle 2
T8L-LED Taster 3	029daf0a		Stimmung 0-4	Ein...		Produktion Halle 2
T8L-LED Taster 4	029daf0b		Stimmung 0-4	Ein...		Produktion Halle 2
T8L-LED Taster 5	029dc030		Stimmung 0-4	Ein...		Produktion Halle 2
T8L-LED Taster 6	029dc031		Stimmung 0-4	Ein...		Produktion Halle 2
T8L-LED Taster 7	029dc032		Stimmung 0-4	Ein...		Produktion Halle 2
T8L-LED Taster 8	029dc033		Stimmung 0-4	Ein...		Produktion Halle 2

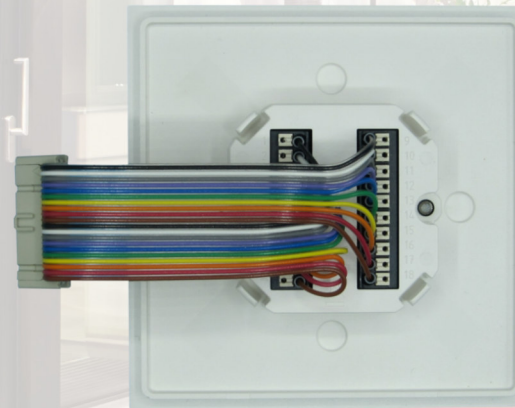
Assembly:

It is installed in a deep flush-mounted box in Germany, or in a standard flush-mounted box in Switzerland. After the electrical connection and switching on the power supply, the module automatically logs on to the digitalSTROM Meter in the circuit distributor. Each button has its own DSiD.

The module can be connected to the GIRA Series 4 pushbutton sensor without the use of tools using the flat ribbon cable provided. Example in the picture below, Gira 8-way push button sensor white article no. 5054003, with rocker switch 8-way button glass white article no. 502412, or pure white lacquered article 5024903.ontage:



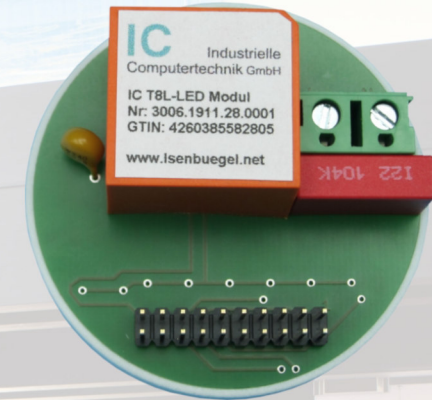
Color-coded ribbon cable and terminal numbering enable the simplest tool-free connection.



Each input works independently and can be defined individually via the dS hardware configurator.

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Product image without the ribbon cable plugged in:



Technical specifications:

Rated input voltage/frequency.....	230 V AC/50 Hz
Power consumption.....	approx. 0.6 W
Technical data Inputs.....	galvanically isolated
Voltage of input lines.....	approx. 15 V DC, approx. 9 mA
Voltage for external LED.....	approx. 15 VDC
Enclosed flat ribbon cable	approx. 120mm
Connection terminals.....	max. 1, 5mm ²
installation dimension.....	Ø 54 x 28mm
Degree of protection (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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