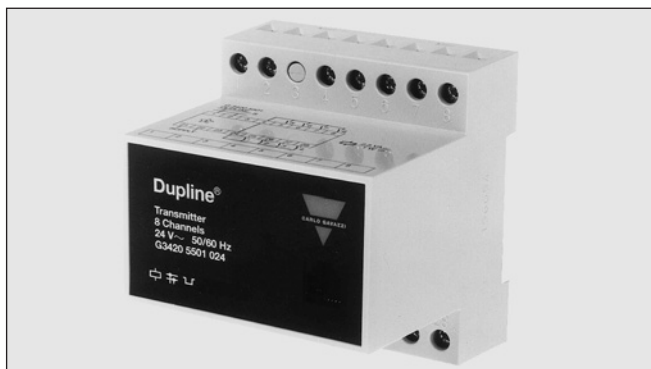


# Transmitter for Digital Signals Type G 3410 5501



- 8-channel monostabil transmitter
- H4-housing
- For mounting on DIN-rail (EN 50022)
- Channel coding by GAP 1605
- Dupline® powered

## Product Description

Dupline®-powered transmitter. Monostable function. Detects the states of 8 volt-free contacts. Especially suitable for applications in places where no power supply is available.

## Ordering Key

**G 3410 5501**

Type: Dupline®  
H4-housing  
Transmitter  
No. of channels  
Input type

## Type Selection

Supply	Ordering no. 8 channels Contact
Powered by Dupline®	<b>G 3410 5501</b>

## Supply Specifications

Power supply	Supply by Dupline®
<b>Dupline® power consumption</b> LED Not activated	Min. 400 µA Max. 550 µA
LED Activated	Min. 1.7 mA Max. 2.3 mA

## Input Specifications

Inputs	8 contacts
Open loop voltage	5.3 to 7.6 VDC
Short-circuit current	17 µA
Operating time for signal "1"	≤ 1 pulse train + 10 ms
Operating time for signal "0"	≤ 1 pulse train + 110 ms
Contact resistance	≤ 1 kΩ
Cable length	≤ 3 m
Dielectric Voltage inputs - Dupline®	None

## General Specifications

<b>Power ON delay</b>	typ. 2 s
<b>Indication for Dupline® carrier</b>	<b>Note:</b> LED, yellow Test that yellow LED can emit light, when shortcut pin 23 and 24, and Dupline® is connected to the module.
<b>Environment</b> Degree of protection Pollution degree Operating temperature Storage temperature	IP 20 3 (IEC 60664) -20° to +50°C (-4° to +122°F) -50° to +85°C (-58° to +185°F)
<b>Humidity (non-condensing)</b>	20 to 80%
<b>Mechanical resistance</b> Shock Vibration	15 G (11 ms) 2 G (6 to 55 Hz)
<b>Dimensions</b> <b>Material</b> (see Technical Information)	H4-Housing
<b>Weight</b>	250 g

## Mode of Operation

8-channel monostable transmitter with 8 contact inputs.

Each input may be coded individually by means of the code programmer GAP 1605. For details, please refer to the respective data sheet.

When pin 25 is activated, the

G3410 5501 transmits on the channel coded for input 1.

When pin 26 is activated, transmission takes place on the channel coded for input 2.

Transmission stops in spite of activated inputs if the Dupline® carrier is interrupted.

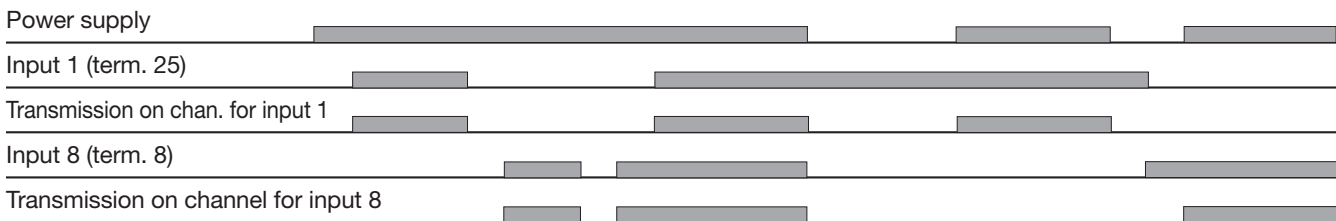
Test that yellow LED can emit light, when shortcut pin 23 and 24, and Dupline® is connected to the module.

- Terminals 2,4 and 24 are in-ternally connected.
- Terminals 2,4 and 24 are common (minus).

### Input connections

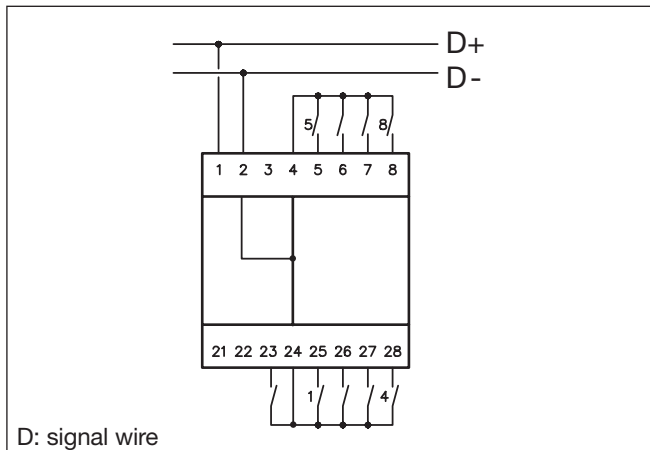
Input 1: terminals 24 & 25  
 Input 2: terminals 24 & 26  
 Input 3: terminals 24 & 27  
 Input 4: terminals 24 & 28  
 Input 5: terminals 4 & 5  
 Input 6: terminals 4 & 6  
 Input 7: terminals 4 & 7  
 Input 8: terminals 4 & 8  
 LED test terminals 23 & 24

## Operation Diagram

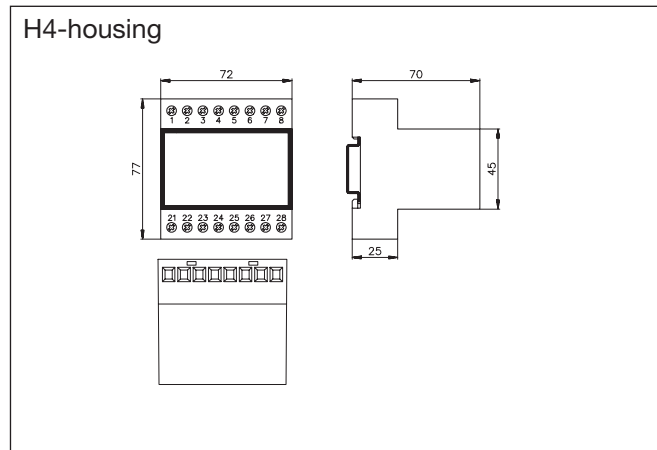


## Wiring Diagrams

8 channels G 3420 5501 ...  
Contact input



## Dimensions (mm)



## Accessories

For further information, see "Accessories".