

## Mode of Operation

4-channel receiver with 4 normally open contact outputs. Each output is individually coded by means of the code programmer GAP 1605. For changing the default setting, please refer to the datasheet on GAP 1605.

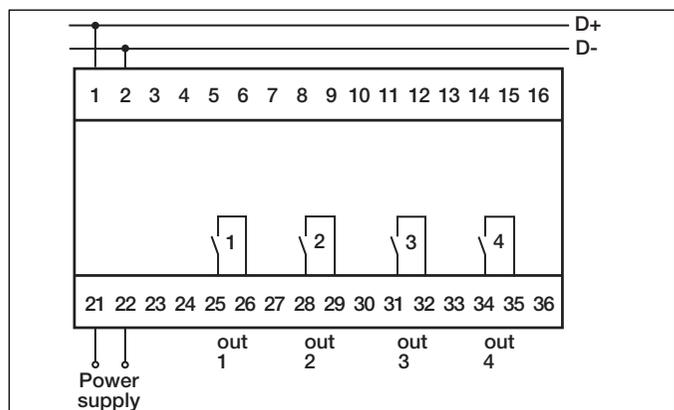
The outputs are normally OFF. When a transmitter coded to the selected channel is activated, the output turns ON and remains ON until the respective channel becomes deactivated. The default setting is such that upon loss of Dupline® carrier all the outputs go OFF. If fail polarity is set to 1, the relays will go on upon loss of carrier.

On the front of the module, it is possible mechanical to override each relay. The LED's will not follow manual override. The manual override will be reset if Dupline or power is put off and on in min. 10 sec. Each relay is labled so it is possible to see the relays actual status.

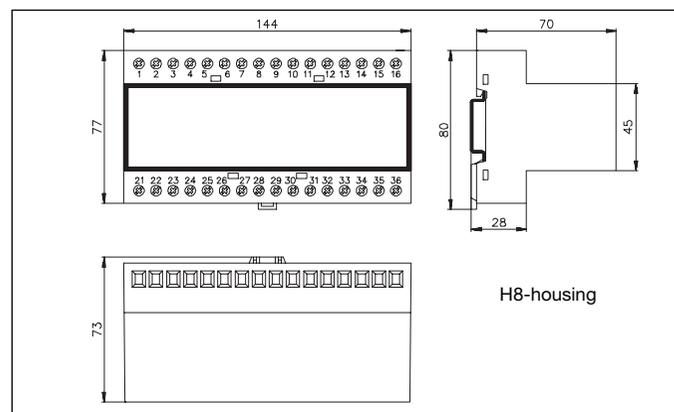
**Note:** At delivery some of the relays might be ON due to transportation bumps. To be sure that the relays are OFF, connect the module to power and Dupline and transmit on channels A1-4 once.

**Note:** Due to the construction with bistable relays, the module is intended for heating and light control only.

## Wiring Diagram



## Dimensions



## Output Module 4 x 20 Amp

G 3830 4445



User Manual  
Brugermanual  
**Dupline**  
Fieldbus Installationbus

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**CARLO GAVAZZI**

*Certified in accordance with ISO 9001  
Kvalificeret i overensstemmelse med ISO 9001*

MAN G38304445 rev. 10-03.08

## Output Specifications

<b>Outputs</b>	4 SPST relays
Contact ratings (AgSnO <sub>2</sub> )	μ (micro gap)
Resistive loads	20 A
In-rush current	120 A (20 msec.)
Max. switching voltage	440 VAC
Max. switching power	10 kVA
Capacitive load	≤ 200 μF
Lamp load	≤ 4800 W
Switching operations	≥ 60000 operations
Minimum load	100 mA/12 V
Max. Switching Frequency	2 Hz
<b>Response time</b>	≤ 1 pulse train

## Supply Specifications

<b>Power Supply</b>	Overvoltage cat. III (IEC 60664)
Rated operational voltage	
Through term. 21 & 22	230 VAC, +/- 10% (IEC 60038)
Frequency	45 to 65 Hz
Rated operational power	Typ. 2,5 VA
Max. power dissipation	7 W
Rated impulse withstand volt.	
230	4 kV
Dielectric voltage	
Supply – Dupline®	≥4 kVAC (rms)
Supply – Outputs	≥4 kVAC (rms)
Dielectric voltage	
Outputs – Dupline®	≥ 4 kVAC (rms)

## General Specifications

<b>Fail polarity state delay</b>	
Upon loss of Dupline® carrier	≤ 20 ms
<b>Power ON delay</b>	typ. 2s
<b>Indication for:</b>	
Supply ON	LED, Green
Dupline® carrier	LED, Yellow
Output ON	LED, Red (one per output)
<b>Environment</b>	
Degree of protection	IP 20
Pollution degree	3 (IEC 60664)
Operating temperature	-5 to +50°C (+23° to +122°F)
Storage temperature	-50 to +85°C (-58° to +185°F)
<b>Humidity (non-condensing)</b>	20 to 80%
<b>Mechanical resistance</b>	
Shock	5 G (11ms)
Vibration	2 G (6 to 55Hz)
<b>Housing</b>	H8-housing
<b>Weight</b>	500 g

## Operation Diagram

