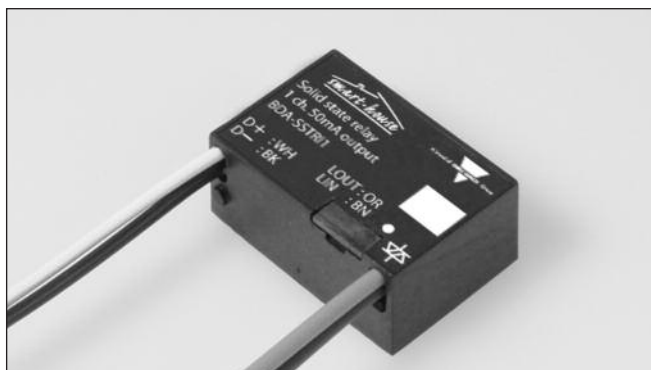


Solid State Remote Relay Output Type G 8830 1130



- Small sized single solid state relay output
- Load: 10 Watt
- Powered via Dupline®
- Address coding by GAP 1605
- Low power consumption

Product Description

The Dupline® decentral receiver has one NO solid state output. The module is especially designed for the use in building automation applications. It is further on developed to control heat valves in a heating system together with the temperature unit G8x452574. The compact size of the module makes it possible to fit it in a junction box or directly behind a power outlet.

Ordering Key

G 8830 1130

Type: Dupline® _____
 Housing _____
 Receiver _____
 No. of channels _____
 Output type _____

Type Selection

Ordering no.
1 channel

G 8830 1130

Output Specifications

Output	1 solid state relay (Triac)
Total load	10 Watt
Minimum load (recommended)	5 mA/230 VAC
Response time	1 pulse train

Supply Specifications

Supplied by Dupline®	
Current consumption	< 3 mA
Power-on delay	Typ. 2 s

Insulation Voltage

Live parts - Dupline®	4 kVAC rms (6 mm)
Enclosure - Live parts	2 kVAC rms (3 mm)
Enclosure - Dupline®	2 kVAC rms (3 mm)

General Specifications

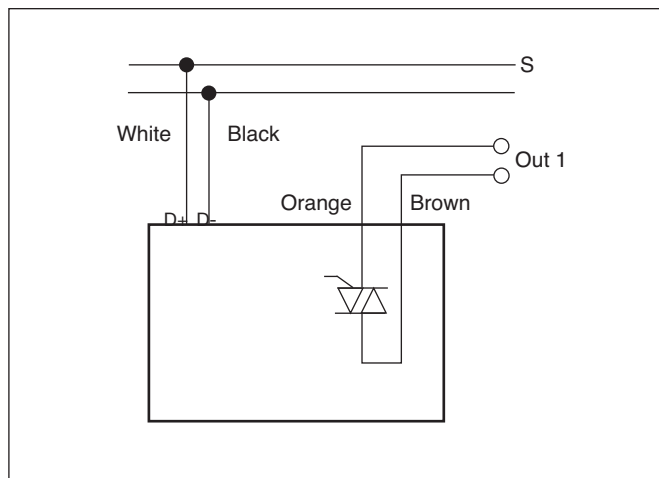
Fail-safe mode	In case of interruption of the Dupline® connection, the channel will be forced into a specific optional status as either active high or active low.
Environment	
Pollution degree	3 (IEC 60664)
Operation temperature	-20° to +50°C (-4° to 122°F)
Storage temperature	-50° to +85°C (-58° to 185°F)
Humidity (non-condensing)	20 to 80%
Housing	
Material	Noryl GFN 1, black
Dimensions (h x w x d)	26 x 39 x 17 mm

Mode of Operation

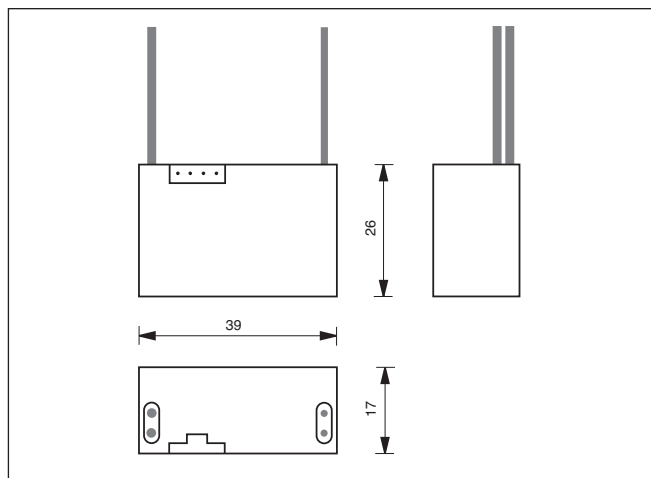
The output address and fail-polarity may be coded by means of the code programmer GAP 1605, with GAP-THP-CAB cable.

Upon loss of Dupline® carrier the output goes to the predefined fail-polarity.

Wiring Diagrams



Dimensions



Wire Connections

- Bus:** White = Dupline[®] signal, D+
Black = Dupline[®] negative, D-
- Output:** Brown = Solid state relay
Orange = Solid state relay
- Bus wires:** 2 x 0,75 mm²,
250 V isolation, single core, 150 mm
- Output wires:** 2 x 1,5 mm²,
250 V isolation, single core, 150 mm

Accessories

- Programming cable
to GAP 1605 GAP-TPH-CAB