

Supply Specifications

Supplied by Dupline[®]	
Normal consumption	≤ 1,1 mA
Charge consumption	≤ 3,1 mA (for max 1 s after relay state change)
Power-on delay	Typ. 2 s
Power-off delay	≤ 1 s
Power dissipation at max. load	0.7 W

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

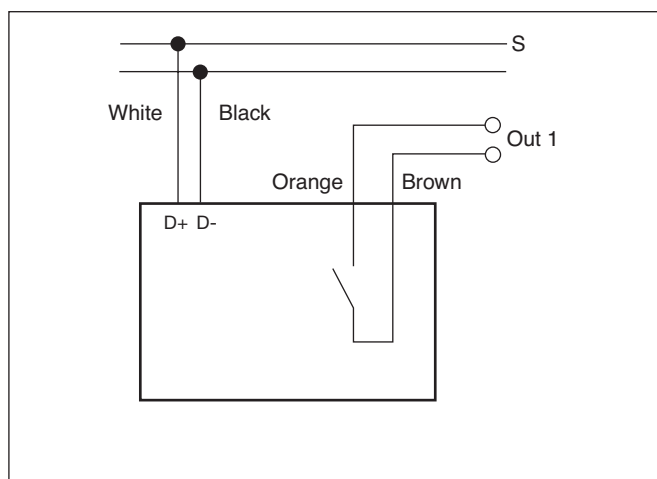
Fail-safe mode	In case of interruption of the Dupline [®] connection, the channel will be forced into a specific optional status as either active high or active low.
Environment	
Pollution degree	3 (IEC 60664)
Operation temperature	-20° to +50°C (-4° to 122°F)
Storage temperature	-50° to +85°C (-58° 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

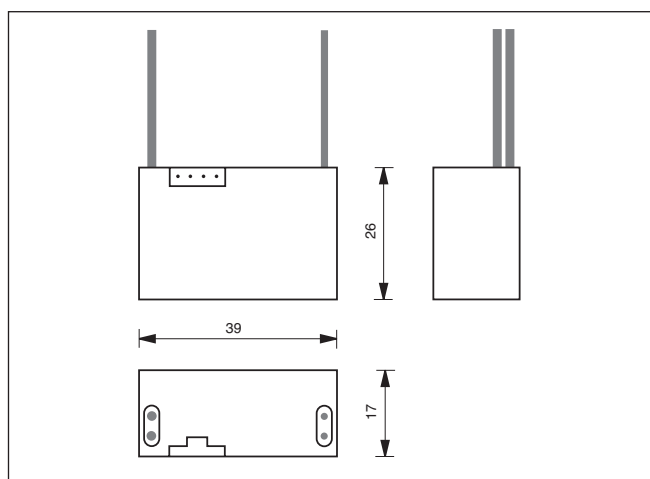
The output address and fail-polarity may be coded by means of the code programmer GAP 1605, with GAP-THP-CAB cable.

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 = Relay contact set
	Orange = Relay contact set
Bus wires:	2 x 0,75 mm ² , 250 V isolation, single core, 150 mm
Output wires:	2 x 1,5 mm ² , 250 V isolation, single core, 150 mm

Accessories

Programming cable to GAP 1605	GAP-TPH-CAB
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