

Solid State Relay Types G 3430 5530



- 8-channel receiver with triac output
- Module load: 8 x 10 Watt
- For mounting on DIN-rail (EN50022)
- LED-indications for supply, Dupline® carrier and outputs
- AC power supply
- H4-housing
- Address coding by GAP 1605

Product Description

The G 3430 5530 is an 8-channel receiver with 8 NO solid state outputs. It is part of the Dupline® building automation concept and

developed to control heat valves in a heating system together with the temperature unit G8x45 2574.

Ordering Key

G 3430 5530

Type: Dupline®
H4-housing
Receiver
No. of channels
Output type

Type Selection

Supply	Ordering no.
230 VAC	G 3430 5530 230

Output Specifications

Outputs	Triac
Total load	8 x 10 W
Minimum load	5mA/230 VAC
Short circuit protection	NO
Dielectric voltage	≥ 4 kVAC (rms)
Outputs - Dupline®	
Response time	≤ 1 pulse train

Supply Specifications

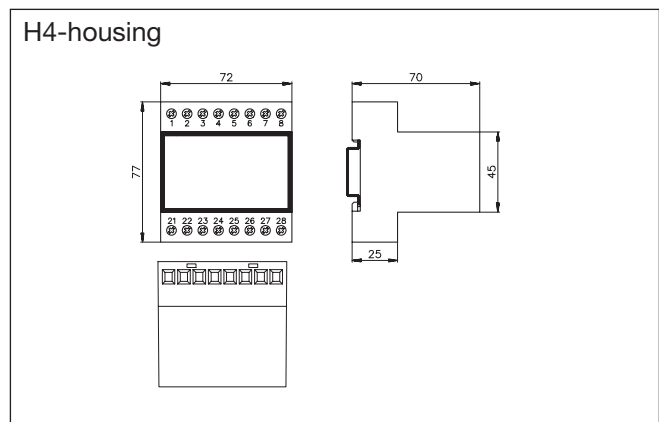
Power supply	Overtoltage cat. III (IEC 60664)
Rated operational voltage through term. 21 & 22	230 VAC, +/- 10% (IEC 60038)
Frequency	45 to 65 Hz
Rated operational power	Typ. 3.0 VA
Power dissipation	≤ 4 W
Rated impulse withstand voltage	4 kV
Dielectric voltage	≥ 4 kVAC (rms)
Supply - Dupline®	
Fail polarity state delay	
Upon loss of Dupline® carrier	≤ 20 ms
Power ON delay	typ. 2 s.

Indication for:	
supply ON	LED, green
Dupline® carrier	LED, yellow
output ON	LED, red (one per output)
Environment	
Degree of protection	IP20
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)
Humidity (non-condensing)	20 to 80%
Mechanical resistance	
Shock	5 G (11 ms)
Vibration	2 G (6 to 55 Hz)
Housing	H4
Weight	400 g

Mode of Operation

8-channel receiver with 8 normally open solid state outputs. Each output is coded by means of the code channel is activated, the output turns ON. When the selected channel is disabled, the output turns off. The default setting is such that upon loss of Dupline[®] bus carrier all the outputs go OFF. The outputs are normally OFF. When a transmitter

Dimensions (mm)



Wiring Diagrams

