

**Data sheet**  
**V100-400-008 HF Repeater | Plug-in power supply unit**



**Description**

The HF repeater is used to pick up and forward the HF signal of a receiving unit. This is particularly necessary if a receiving unit cannot be installed due to a missing network connection, but area-wide HF reception is necessary. In this case, the HF repeater serves as a signal extension. There must not be several HF repeaters in each other's reception range.

## Data table

<b>Housing dimensions (WxHxD)</b>	230x143x34.5 mm
Housing material	ABS PA 765
Housing colour	RAL 9010 – white (OEM version); RAL 7016 anthracite
Housing weight	286 g
Degree of protection	IP 42
Dimensions <b>board</b> (WxHxD)	8 cm x 10 cm x 1.9 cm
Board weight	62 g
Total weight	348 g
Power supply	10-36 V (DC)
Frequency band	868,0-868,6 MHz Communication frequency
Transmitting power 868 MHz	+5 dBm
Operating temperature	-20°C to +45°C
Connections	RF module slot (RFM 22/23)
	Power supply
Cable inlets	3 predetermined breaking points for cable inlets available

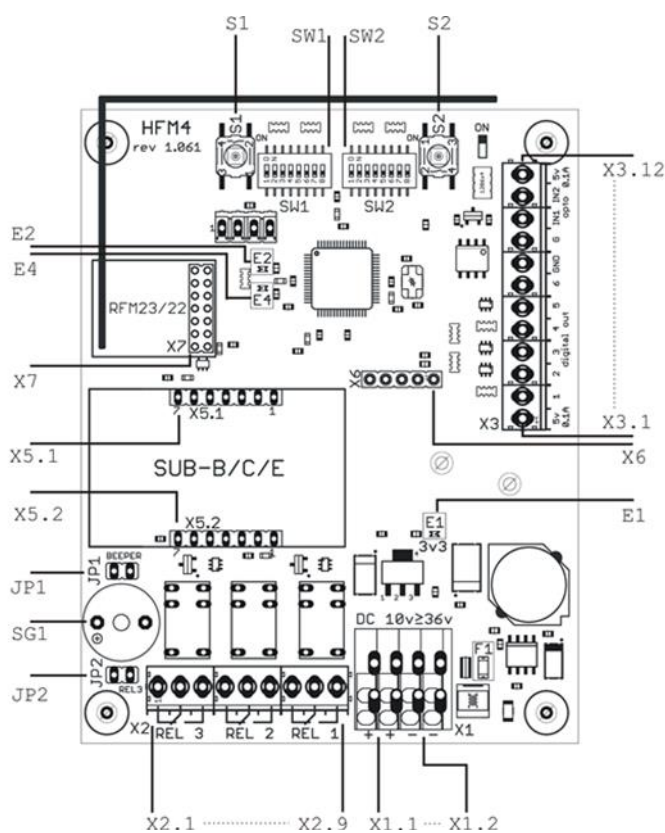


Figure 1 Sketch circuit board

X1.1x4	+ 10-36 V DC	E1	LED (grün) 3,3 Volt
X1.2x4	GND	E2	LED (grün) HF-Aktivität
SW1	DIP-Schalter 8-stellig	E3	LED (orange) Störung/Service
SW2	DIP-Schalter 8-stellig	S1	Programmierungstaste
X7	Steckplatz für RF-Modul (RFM22/33)	S2	Programmierungstaste

Table 1 Legend circuit board

Martin Elektrotechnik GmbH hereby declares that the article V100-400-008 is in conformity with Directives 2014/53/EU, 2014/35/EU, 2014/30/EU. The full text of the EU Declaration of Conformity is available at the following website: <https://martin-elektrotechnik.freshdesk.com/support/solutions>

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