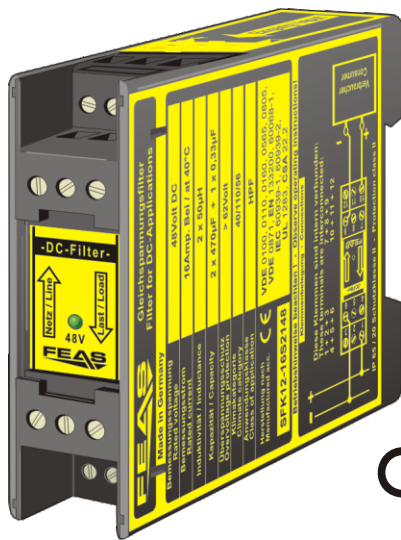


product specification

radio interference suppression filter: **SFK12-16S2148**



- Integrated overvoltage protection
- extra slim enclosure design, only 22,5mm wide
- Self-extinguishing polycarbonat housing in acc. to UL94V1
- Operating status shown by LED
- Suitable for the tropics - epoxy resin casted
- Safety acc. to VDE, EN, UL, CSA

Application

Filters of the SFK12-16S2148 series are used to suppress circuit-bound interferences in DC supply lines or DC control lines with a voltage of 48VDC.

Interference pulses or interference voltages are dampened independently from their point of origin.

The integrated overvoltage protection efficiently diverts unwanted inductive transients.

Functional principle

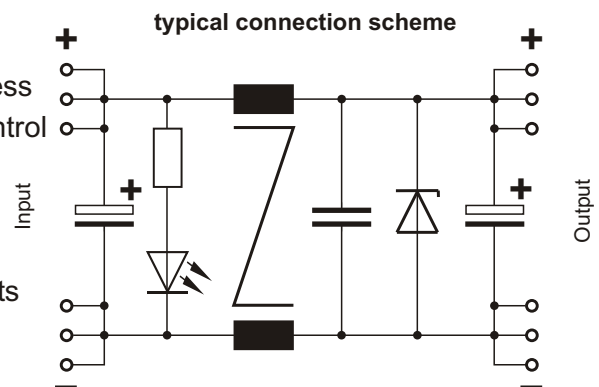
The filters of the SFK12-16S2148 series are connected between the DC voltage supply and the consumer, which is susceptible to interference.

Because of the combination of one core chokes, electrolytic and film capacitors an effective suppression over a broad frequency range is achieved (typical connection scheme see above).

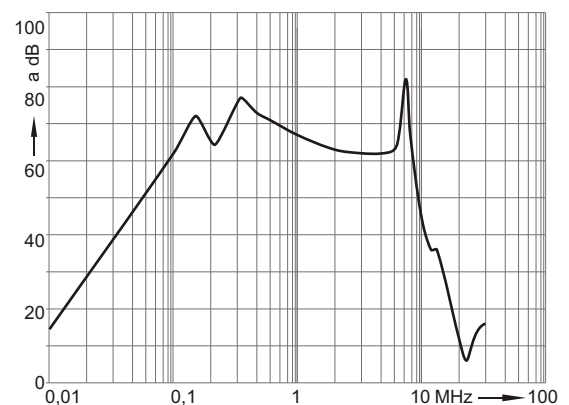
The normal operating status is shown by the green LED.

Design

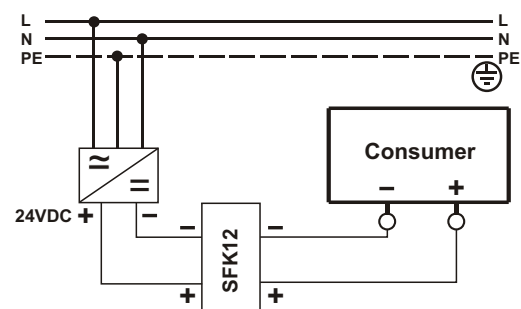
Integrated into a plastics housing for mounting on a rail acc. to DIN 46277.



Insertion loss at 50



connection example



Please read the data sheets
and the operating instructions
for further information.