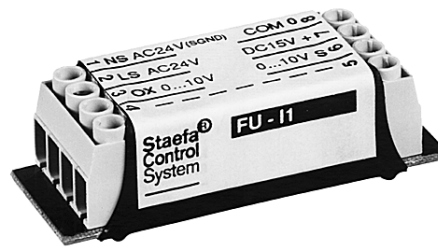


FU-I1

Power supply for sensors

AC 24 V to DC 15 V power supply for active DC 15 V sensors

- suitable for use with all active sensors
- can be placed in duct sensor housing, wallboxes or in control panels



FU-I1

Technical data

Power supply (input)	AC 24 V \pm 15 % (SELV)
Output	DC 15 V \pm 10 %
Output current	$I_{\max} \leq$ DC 20 mA
Sensor signal	unchanged
Terminal connections	Screw terminals 2.5 mm ²
Protection	III (⚡)
Protection class	IP20 to IEC529
Ambient temperatures:	
Operation	0 ... 50 °C
Storage, transport	-25 ... 70 °C
Weight	0.03 kg
Dimensions	56 x 22 x 18mm

Principle of operation

The FU-I1 power supply is only used when AC 24 V are available but the sensor requires DC 15 V : e.g. CLASSIC with the FKA-H2. Terminals 3 and 6 are permanently connected and are reserved for feeding through the sensor signal DC 0 ...10 V . In addition, a fixed connection is provided between terminals 4 and 5 for earthing, cable screening etc.

Construction

The plastic housing, which is enclosed in heatshrink sleeving, contains the printed circuit board with the electronics and the connection terminals.

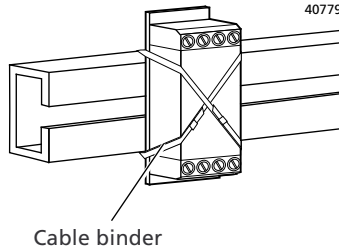
Mounting

The power supply can be mounted or placed wherever necessary:

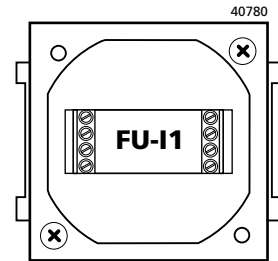
- in the FKA-H2 or FKA-H2/T1 duct sensor housing
- (for room sensors) in wall boxes
- in the control panel on DIN rails or in cable ducts
- in sill cladding
- in ceilings voids

Care should be taken that the environment is dry.

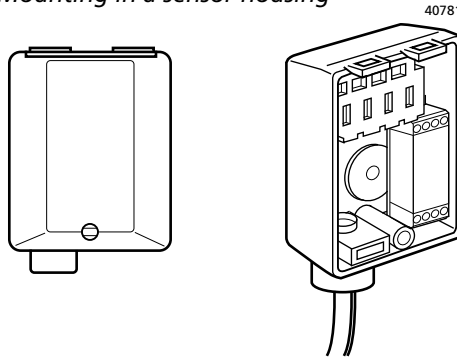
Mounting on a DIN rail



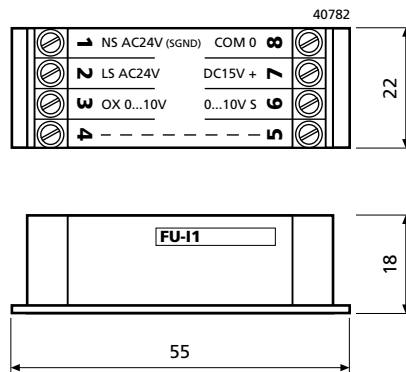
Mounting in a flush box



Mounting in a sensor housing



Dimensions



Terminal layout

