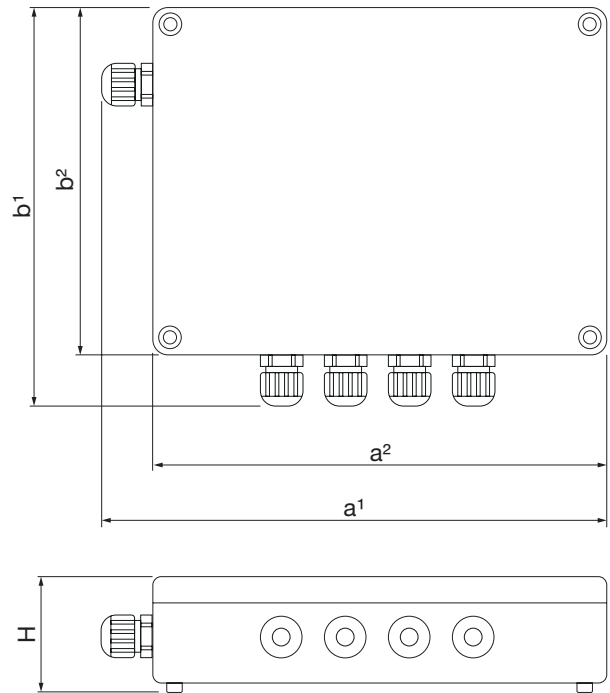# Connection box ARCB

Description

ARCB is a connection box for the Analog Room Control System ARCS.

The box is powered with 230VAC and can feed 24VAC to one or more UltraLinks. ARCB also have connection terminals for output of two analog flow control signals, one for supply and one for extract.
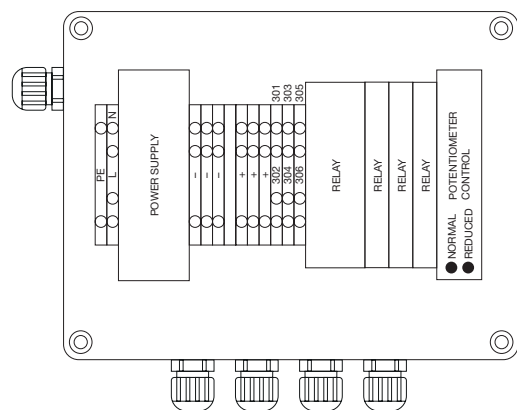
Additionally there is a possibility to connect a mode switch to set the flow signals to max, min or normal and finally also a connection for a potential free kitchen hood switch that allows the box to balance supply and extract air also accounting for the air extracted by the kitchen hood.

Dimensions

a^1 [mm]	a^2 [mm]	b^1 [mm]	b^2 [mm]	H [mm]	m [kg]
250	220	200	170	110	1,2

Components

Ordering example

Product _____ **ARCB**

Connection box

ARCB

Wiring

Terminal			Description
24V	GND	AIN	SUPPLY
24V	GND	AIN	EXTRACT
2,4	1	3	MODE SWITCH
POTENTIAL FREE CONTACT			KITCHEN HOOD
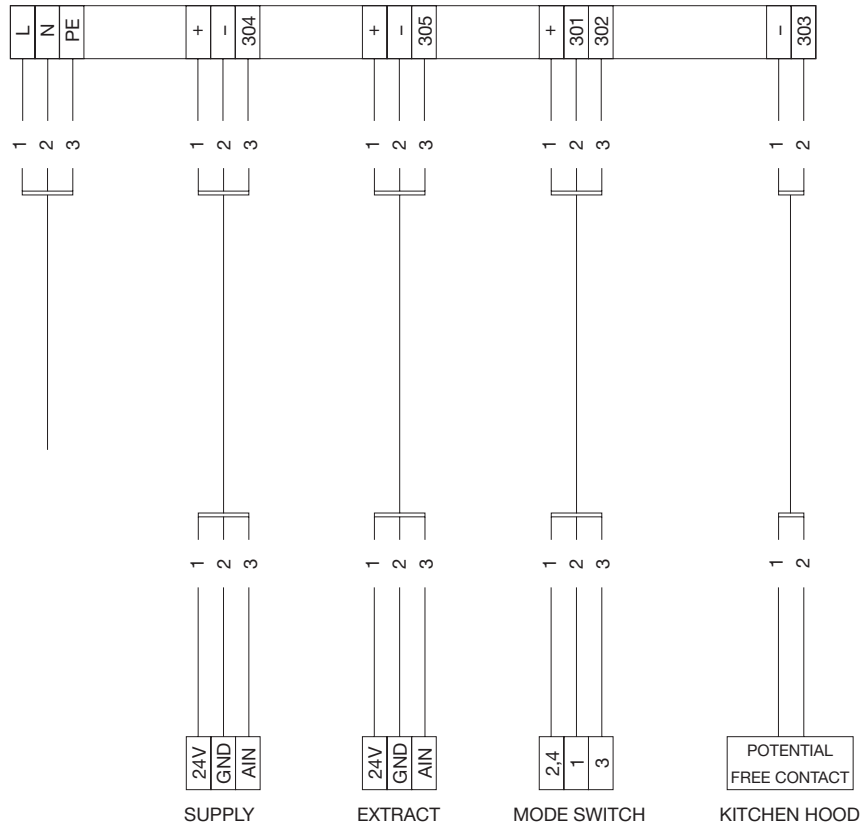
Technical data

Supply voltage	AC		230	V
Analog interface			0-10 (two channels)	V
Operating temperature			-25... +70	°C
Storage temperature			-30... +70	°C
Humidity			25...85 (non-condensing)	VA
Connectors			Weidmuller ZDU 2.5 Weidmuller ZDK 2.5 Weidmuller ZPE 2.5	
Dimensions	Hight (b[1]) Width (a[1]) Deep (H)		200 250 110	mm mm mm
Degree of protection	EN 60529		IP65	