

AIR CONTROL

Control module for pulsating compressed air



Key Facts

- ✓ Efficient compressed air control: pulsing compressed air for optimal cleaning
- ✓ Flexible settings: Pulse frequency 5–20 Hz, continuous air and adjustable switch-off delay
- ✓ Robust & reliable: IP54 degree of protection, wide-range voltage (100–250 V AC)
- ✓ Easy integration: compatible with standard industrial sensors or a potential-free contact

Product Description

The AIR CONTROL control module ensures a targeted and efficient supply of cycled compressed air for KIST + ESCHERICH cleaning systems. Depending on the design, it either provides compressed air directly via integrated valves – with the option of pulsing the air to achieve particularly effective cleaning results – or controls external valves for a focused, cost-saving compressed air supply.

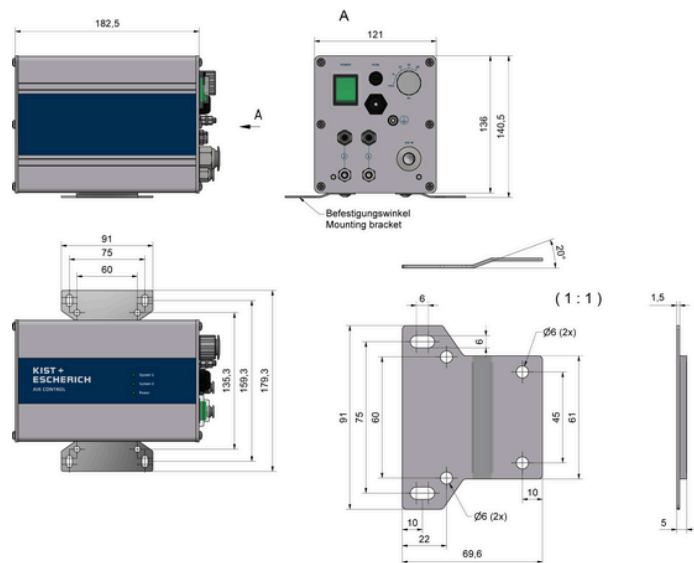
The air supply can be optimised for different requirements thanks to the adjustable settings of the pulse frequency between 5 and 20 Hz and the option for continuous airflow. The system is controlled either with standard industrial sensors or a potential-free contact. An illuminated mains switch and a LED function indicator for the operating status and output signal facilitate a more intuitive operation.

A wide-range voltage connection (100–250 V AC) and an IP54 degree of protection, make AIR CONTROL extremely robust and versatile. In addition, the configurable switch-off delay (0–10.5 seconds in 1.5-second increments) allows you to adapt to different applications as needed.

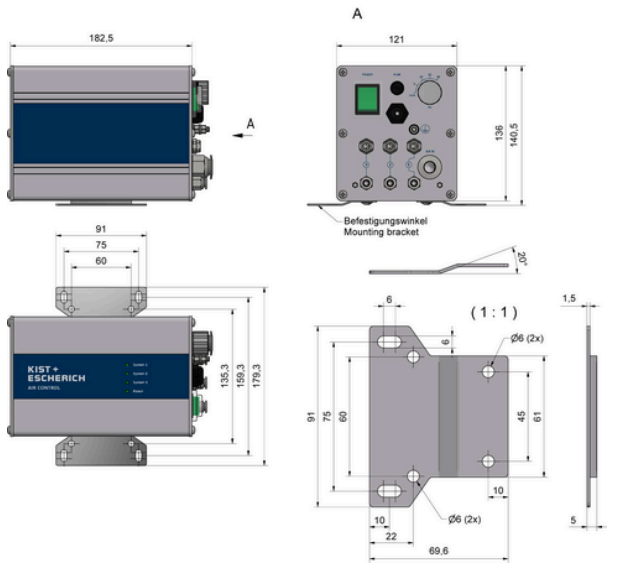
Technical Data

	AC11	AC12	AC13	AC03	ACX2
Operating voltage	100 - 250 V (AC)	100 - 250 V (AC)	100 - 250 V (AC)	100 - 250 V (AC)	100 - 250 V (AC)
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Power consumption	20 VA	20 VA	20 VA	20 VA	20 VA
Diameter of compressed air inlet	10 mm	12 mm	12 mm	-	10 mm
Diameter of compressed air outlet	6 mm	6 mm	6 mm	-	6 mm
Adjustable pulse frequency	yes	yes	yes	no	yes
Switch-off delay	0...10.5 s (increments of 1.5 s)	0...10.5 s (increments of 1.5 s)	0...10.5 s (increments of 1.5 s)	0...10.5 s (increments of 1.5 s)	0...10.5 s (increments of 1.5 s)
Number of connectible compressed air components	1	2	3	0	1
Number of connectible external valves	0	0	0	3	1
For sensor type	24 V PNP, NO	24 V PNP, NO	24 V PNP, NO	24 V PNP, NO	24 V PNP, NO
Function display	yes	yes	yes	yes	yes
Weight	1.5 kg	1.5 kg	2.9 kg	2.9 kg	3.0 kg
Working temperature (min. - max.)	5 - 45 °C	5 - 45 °C	5 - 45 °C	5 - 45 °C	5 - 45 °C

AC03



AC13



ACX2

