

AIR1-SK



■ Signal converter for sensors

Signal converter for the connection of up to six AIR1 room sensors of the same sensor type. The AIR1-SK compares the connected inputs and forwards the highest input signal to the max. output. Supplied pre-installed in the appropriate terminal box incl. transformer 230 V / 24 V AC and terminal strip.

Dimensions terminal box (L x H x W): 218 x 149 x 97 mm

■ Technical data

Type	Ref. no.	Voltage	Power consumption	Ambient humidity	Ambient temperature	Protection class
AIR1-SK	06019	230 V, 50 Hz	max. 15 VA	Max. 90 % RH (non-condensing)	-40 °C to +50 °C	IP20 / IP66 in terminal box

ELF-AIR1 XC



Extract air filter
ISO ePM₁₀ 50% (M5)

Outside or extract air filter ISO ePM₁ 55% (F7)
Outside air filter ISO ePM₁ 80% (F9)

■ Spare air filter

Helios AIR1 units are supplied with the filter classes ePM1 55%/F7 (outside air) and ePM10 50%/M5 (extract air) as standard. Depending on the unit size, the air filter consists of multiple (separate) air filter inserts. This is taken into account when ordering the spare air filter.

In case of increased air quality requirements, other filter classes are available for the outside air and extract air (see table below). All air filters are pressure-loss-optimised cassette filters with large filter surfaces.

■ Technical data

	Type	Ref. no.	Number of air filter inserts included	Filter class
Extract air filter	ELF-AIR1 XC 500/ePM10 50%/96	02171	1	ISO ePM ₁₀ 50% (M5)
	ELF-AIR1 XC 700/ePM10 50%/96	02172	1	ISO ePM ₁₀ 50% (M5)
	ELF-AIR1 XC 1000/ePM10 50%/96	40737	1	ISO ePM ₁₀ 50% (M5)
	ELF-AIR1 XC 1400/ePM10 50%/96	02173	1	ISO ePM ₁₀ 50% (M5)
	ELF-AIR1 XC 2200/ePM10 50%/96	02174	2	ISO ePM ₁₀ 50% (M5)
	ELF-AIR1 XC 3200/ePM10 50%/96	02175	2	ISO ePM ₁₀ 50% (M5)
Outside or extract air filter	ELF-AIR1 XC 500/ePM1 55%/96	02221	1	ISO ePM ₁ 55% (F7)
	ELF-AIR1 XC 700/ePM1 55%/96	02223	1	ISO ePM ₁ 55% (F7)
	ELF-AIR1 XC 1000/ePM1 55%/96	40738	1	ISO ePM ₁ 55% (F7)
	ELF-AIR1 XC 1400/ePM1 55%/96	02224	1	ISO ePM ₁ 55% (F7)
	ELF-AIR1 XC 2200/ePM1 55%/96	02225	2	ISO ePM ₁ 55% (F7)
	ELF-AIR1 XC 3200/ePM1 55%/96	02226	2	ISO ePM ₁ 55% (F7)
Outside air filter	ELF-AIR1 XC 500/ePM1 80%/96	02272	1	ISO ePM ₁ 80% (F9)
	ELF-AIR1 XC 700/ePM1 80%/96	02273	1	ISO ePM ₁ 80% (F9)
	ELF-AIR1 XC 1000/ePM1 80%/96	40750	1	ISO ePM ₁ 80% (F9)
	ELF-AIR1 XC 1400/ePM1 80%/96	02274	1	ISO ePM ₁ 80% (F9)
	ELF-AIR1 XC 2200/ePM1 80%/96	02285	2	ISO ePM ₁ 80% (F9)
	ELF-AIR1 XC 3200/ePM1 80%/96	02286	2	ISO ePM ₁ 80% (F9)