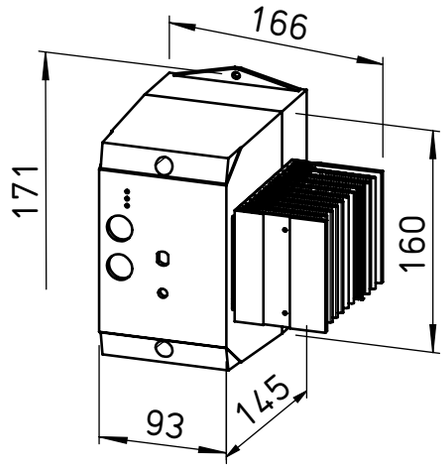
ESD

Dimensions ESD



Dim. in mm

Convenient, continuously variable electronic speed controller for 3~ fans, which can be phase angle-controlled by voltage reduction (except KVD Ex types). State-of-the-art technology through use of microcontrollers.

- Control via analogue 0 – 10 V input through on-site signal, electronic control system EUR 6 C or other control units.
- Multiple different fans can be connected to a control unit up to the maximum control current load.
- Multiple control devices can be controlled in parallel by the building control technology and this enables the distribution of fan power to multiple fans or fan groups and circuits.

Setting options/Display

- ☐ On/off and continuously variable speed specification through rotary potentiometer.
- ☐ 0 – 10 V input. Remote control possible through on-site rotary potentiometer (22 kOhm).
- ☐ 3 ~ phase monitoring, protection against phase loss.
- ☐ Soft start-up function.
- ☐ Automatic minimum start-up voltage 80 V.
- ☐ Meets EMC requirements class B, shielded cable between unit and motor not required.
- ☐ LEDs as status and fault indicators.
- ☐ Integrated protection of electronics against overload.
- ☐ Motor protection by monitoring the motor's thermal contacts.

Casing

- ☐ Plastic casing, light grey with wide cooling element.
- ☐ Can be used directly in heavily contaminated environments (e.g. kitchen) due to protection category IP65.

Accessories

In case control is not via central building control technology, universal controller with 10 V output can be used for this purpose.

EUR 6 C Ref. no. 01321
See Electronic control system page for description.

Product range

Type	Ref. no.	Output current	Power consumpt.	Wiring diagram	Dimensions			Width cooling element	Weight	Prot. cat.
					W	H	D			
		A	kW	No.	mm	mm	mm	mm	ca. kg	IP
For three-phase current fans, 3~, 400 V, 50/60 Hz										
ESD 5	00501	5.0	2.2	831	122	160	145	23	1.5	65
ESD 11.5	00502	11.5	5.5	831	166	160	145	68	1.7	65