

ESD



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.

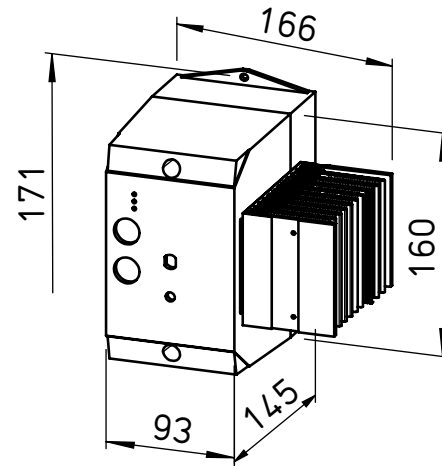
■ Setting options/Display

- ☐ 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.

Dimensions ESD



Dim. in mm

■ 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