

Description

Controller intended for fan motors. Also suitable for adjustment of transformers or lighting. The control principle is leading edge.
For the best adjustment result, adjustable fan motors are recommended. The motor speed is a result of the load on the motor shaft and the voltage supplied by the controller. If the ventilation system is not dimensioned correctly either with too small ducting or too big ducting, the motor will typically operate at full speed.

The ES 33 has a factory set minimum output voltage of 80V AC.

Connection to lighting. The trimmer is set at the point in which the light just starts to light when the controller is turned on.

Connection to fan motor the trimmer is set at the point where the motor just starts running when the controller is turned on. If the motor is exposed to a high counter pressure, the minimum must be set at a higher level to ensure that the motor starts up in all situations.

Connection to a transformer the trimmer is set at the point where the light just starts to light.

SpeedControl 15S is supplied in LK Fuga 1½ module, grey or white.



WARNING



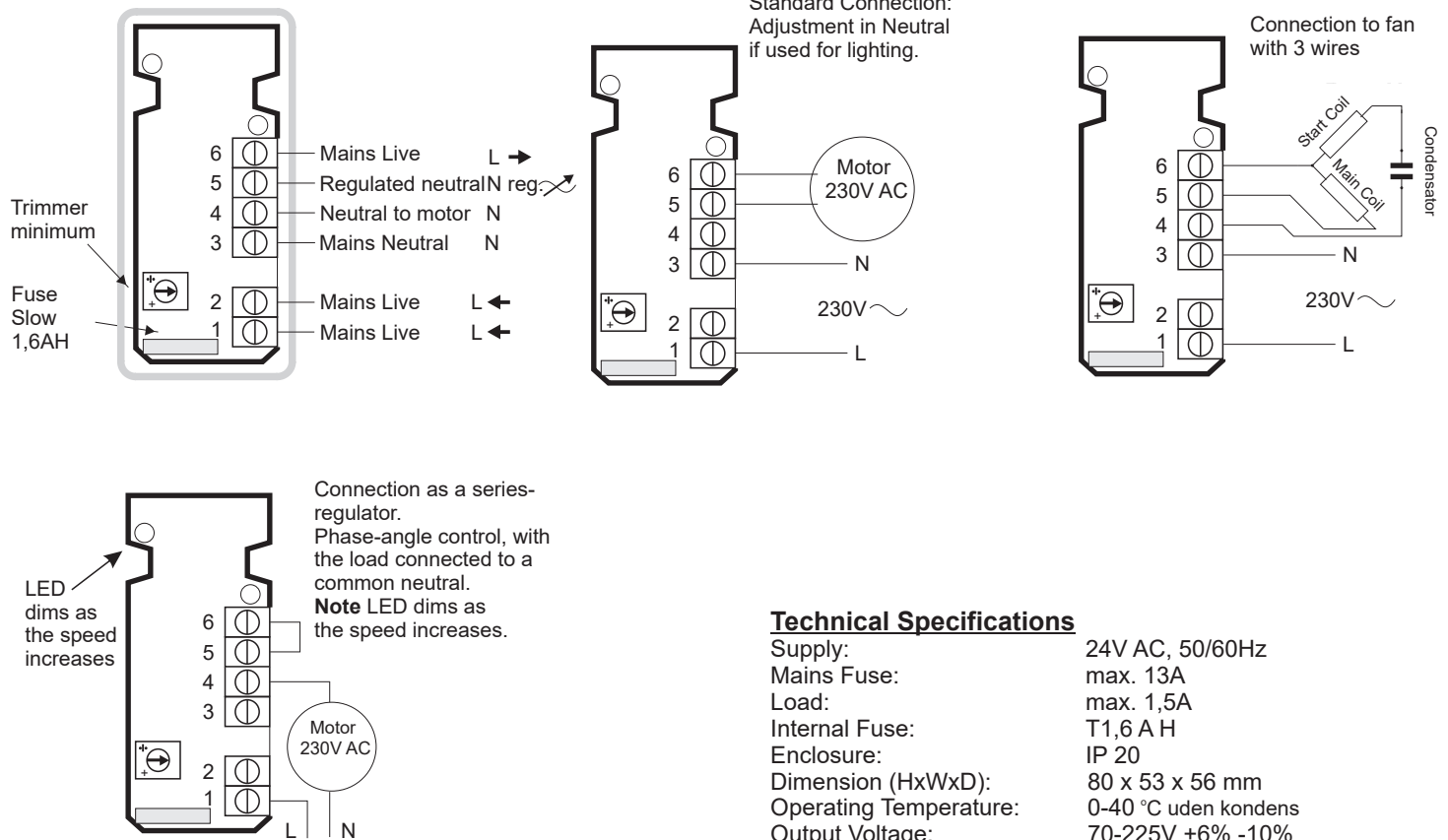
ESD Sensitive when lid is off. Be certain to be ESD discharged before installation.

Mounting

The controller is mounted in LK Fuga 1½ module. The ES 33 is fixed with 2 screws under the cover plate until safely secured.

Connection Diagrams

Regulator Rear View



Technical Specifications

Supply:	24V AC, 50/60Hz
Mains Fuse:	max. 13A
Load:	max. 1,5A
Internal Fuse:	T1,6 A H
Enclosure:	IP 20
Dimension (HxWxD):	80 x 53 x 56 mm
Operating Temperature:	0-40 °C uden kondens
Output Voltage:	70-225V +6% -10%
Adjustment of minimum:	70-160V +6% -10%



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 Manufacturer: **LS Control A/S**, Industrivej 12, DK-4160 Herlufmagle