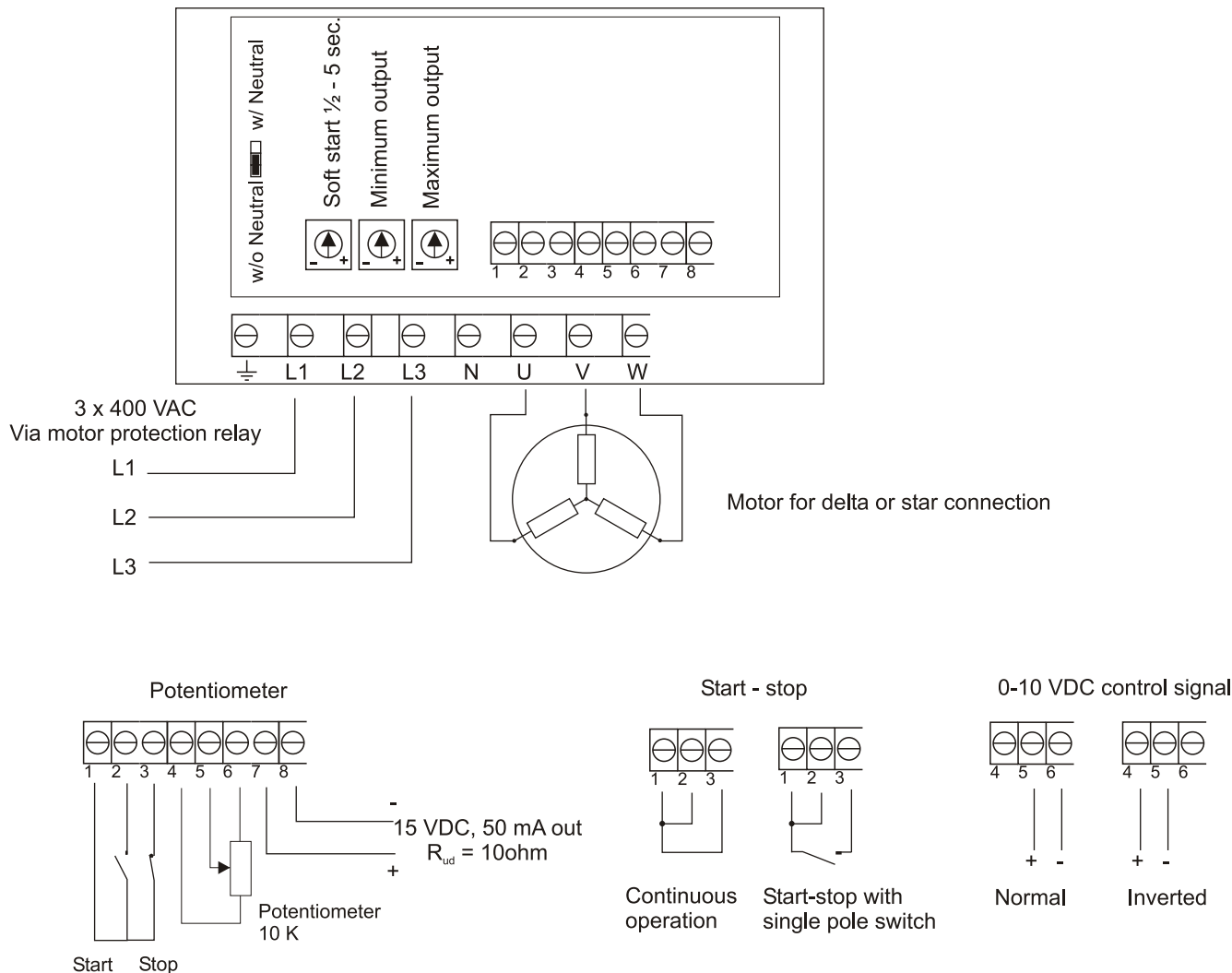


ES 204

SpeedControl 3x100

Connection diagram:



Technical data :

Supply:	3 x 400V AC, 50 Hz
Mains fuse:	max. 16A
Load:	3 x 10A
Indclosure:	IP 00 / IP 54
Dimensions (HxWxD):	170 x 205 x 100 mm
in box:	280 x 280 x 140 mm

Description:

3 phase voltage controller for fan motors up to 4 kW. The controller is mounted in a metal housing for mechanical strenght under difficult conditions. The ES 204 can be mounted in standard mounting boxes. It is possible to adjust minimum and maximum output voltage and soft start time. The controller uses an internal floating neutral ensuring an equal load on the 3 net phases. Without Neutral the motor voltage can be reduced to 50% which is a normal control range for motors and pumps. A jumper makes it possible to operate in regulated Neutral (adjustment of lighting) making it possible to reduce the output voltage with approx. 20%.

Control signal options: Potentiometer 2 - 10K, 0-10V normal and inverted, electronic start/stop. 15V DC output for control modules. The control unit is galvanic isolated from net.

Adjustment:

Turn "Minimum" and "Maximum" trimmers counter clockwise (-). Set the potentiometer / control signal to minimum. Adjust MIN trimmer to the desired output voltage. The motor should be able to start up. Set the potentiometer / control signal at maximum. Adjust MAX trimmer at the desired output voltage.

Adjust the soft start time.

Mounting:

Mounting according to current regulations. Supply via motor protection relay. Motor can be delta or star connected.

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 Manufactured by: LS Control A/S

