

# Technical Bulletin

## Installation Advice: Bosch Climate 5000 & 8000 Residential Air Conditioning

### Wiring requirements for installation.

With the introduction of the Bosch Climate 5000 and 8000 Residential Air Conditioning (RAC) units the following Bulletin confirms the wiring requirements and fuse rating for each product.

For both 5000 and 8000 units a 3 core power cable will be required to power the ODU. A 5 core interconnecting cable should be used to connect the ODU to the IDU, this enables power supply and communication to the IDU.

### Bosch Climate 5000

RAC 2.6kW unit: Nominal cross-section of cable = 1.5 mm<sup>2</sup>  
Fuse rating of 10Amps.

RAC 3.5kW unit: Nominal cross-sectional of cable = 1.5mm<sup>2</sup>  
Fuse rating of 16Amps.

RAC 5.3kW unit: Nominal cross-sectional of cable = 2.5mm<sup>2</sup>  
Fuse rating of 16Amps.

RAC 7kW unit: Nominal cross-sectional of cable = 2.5mm<sup>2</sup>  
Fuse rating of 25Amps.

### Bosch Climate 8000

RAC 2.6kW unit: Nominal cross-section of cable = 1.5 mm<sup>2</sup>  
Fuse rating of 10Amps.

RAC 3.5kW unit: Nominal cross-section of cable = 1.5mm<sup>2</sup>  
Fuse rating of 16Amps.

RAC 5.3kW unit: Nominal cross-section of cable = 2.5mm<sup>2</sup>  
Fuse rating of 16Amps.

RAC 7kW unit: Nominal cross-section of cable = 2.5mm<sup>2</sup>  
Fuse rating of 25Amps.

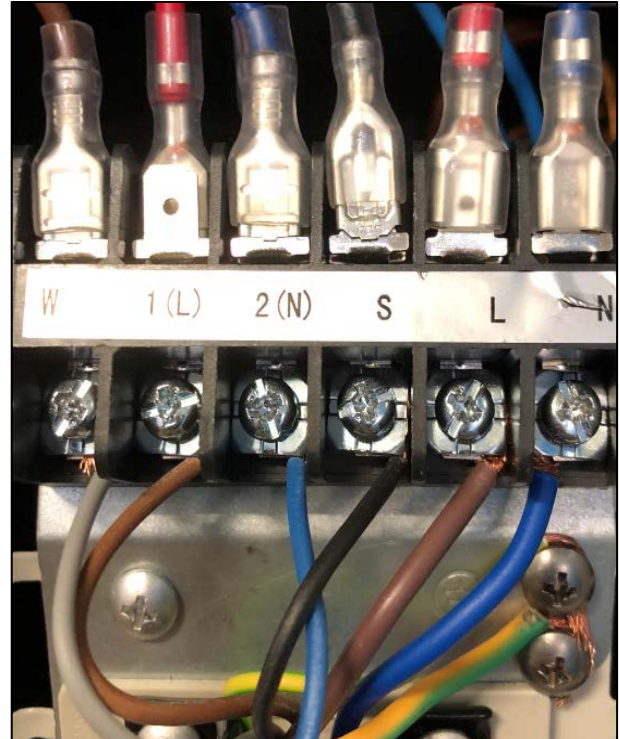


Fig. 1) Outdoor unit wiring

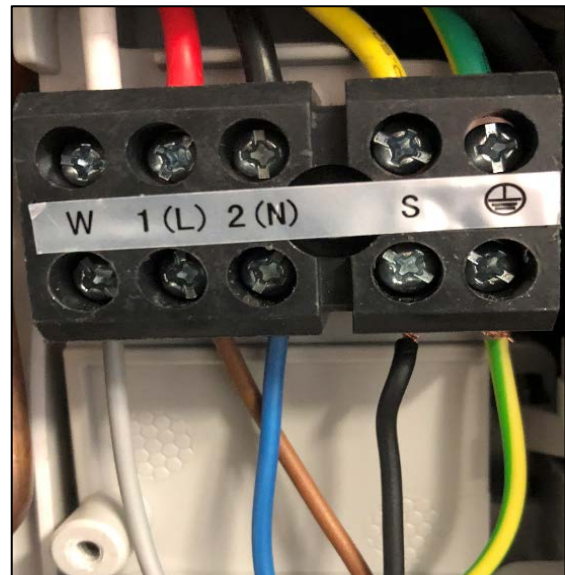


Fig. 2) Indoor unit wiring

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