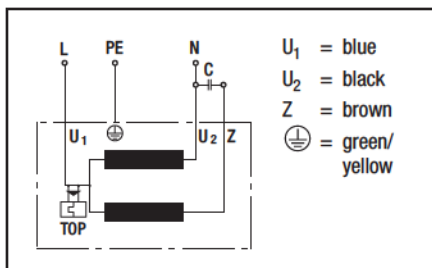


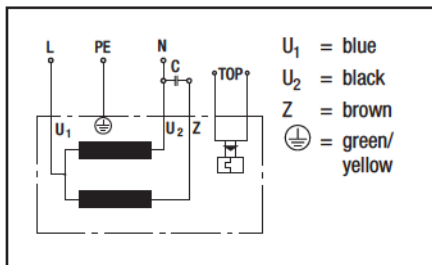
## Electrical connections AC

### Fans (1~ 230 VAC power line)

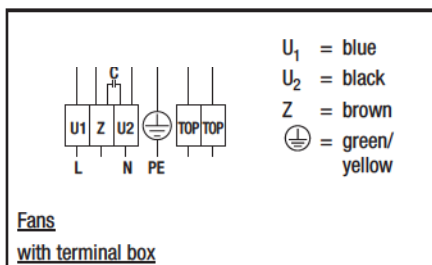
#### A1) Single-phase capacitor motor with TOP wired internally



#### A2a) Single-phase capacitor motor with connection for external TOP

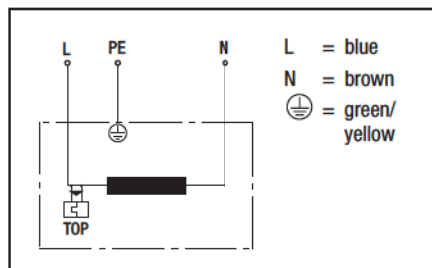


#### A2b) Single-phase capacitor motor with connection for external TOP

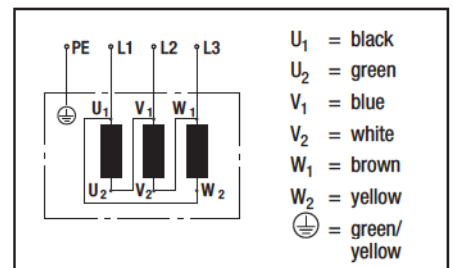


### Fans, 1 speed (3~ 230 VAC power line)

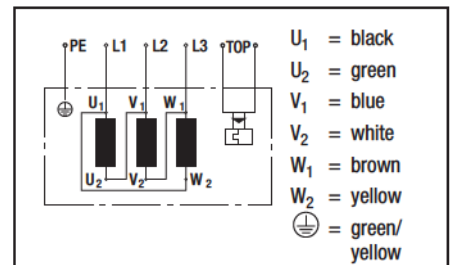
#### B) Shaded pole motor with TOP wired internally



#### C1) Delta connection (3~ 230 VAC power system) without TOP



#### D1) Delta connection (3~ 230 VAC power line) with TOP

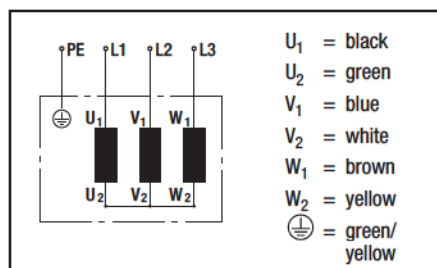


**Direction of rotation** is reversed by swapping two line phases.

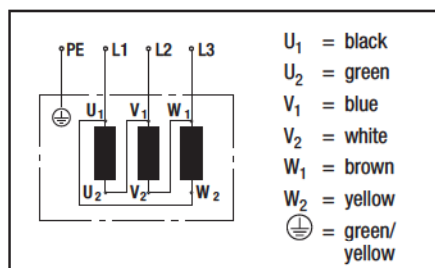
## Fans, 1 speed (3~ 400 VAC power line)

Fans, 2 speeds via  $\Delta$ /Y-switch (3~ 400 VAC power line)

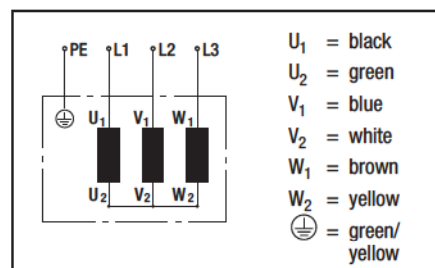
## C2) Star connection (3~ 400 VAC power system) without TOP



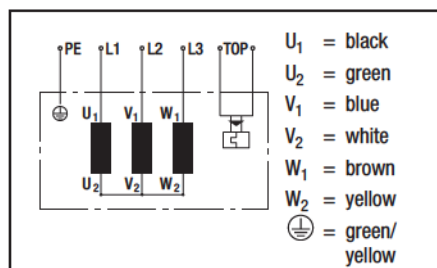
## E1) Delta connection (high speed) without TOP



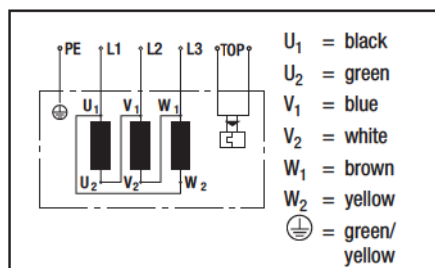
## E2) Star connection (low speed) without TOP



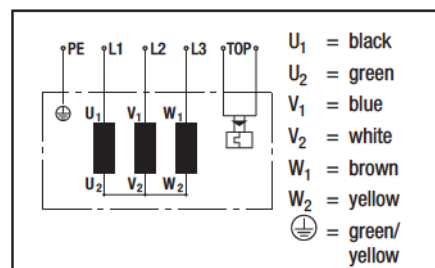
## D2) Star connection (3~ 400 VAC power line) with TOP



## F1a) Delta connection (high speed) with TOP

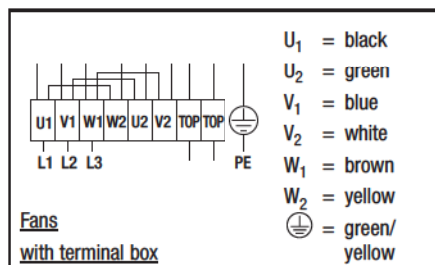


## F2a) Star connection (low speed) with TOP

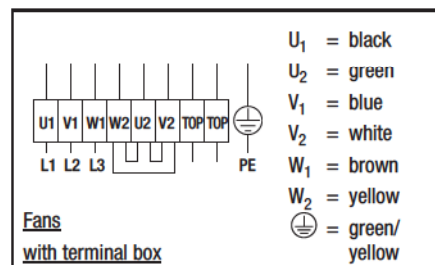


Direction of rotation is reversed by swapping two line phases.

## F1b) Delta connection (high speed) with TOP



## F2b) Star connection (low speed) with TOP



Direction of rotation is reversed by swapping two line phases.