**F1** Mains 6A
**SW1** E−Stop
**SW4** Front guard cover
**SW3A REVERSING SW**
**SW2** Latching Power Sw
**FL1** MAINS FILTER

L 1
N 1
E 1

10
8 14
7 1
6 2
9

P P' 5
PE 3
N N' 4
1 2

**F2** Motor 6A
**SW3B**
**SW3C**

**M1** Motor
+ 1
1 2

2
5
6
1

**RV1** 4K7 SPEED
2

**DC Speed Controller BC2000−TB**

L 1
N 1
A+ 1
A− 1
P3 1
I1 1
P1 1

Chopper
Speed Display

DO NOT TRUST THE LIVE/NEUTRAL COLOUR CODES
THEY ARE ONLY THERE TO PROMOTE A SENSE OF SECURITY
BEFORE THEY KILL YOU

The reversing switch SW3A−C is a purpose built
item so it is simpler to wire. Naturally the CAD
package doesn't have one in its library so what
I have drawn is what it doesand done the pins.

Wiring of Champion 16VS Turret Mill
as supplied

Sheet:
File: mill.kicad_sch
Title:
Size: A4    Date:
KiCad E.D.A.  kicad 7.0.1
Rev:
Id: 1/1