

AUTOMATED MOTION SYSTEMS

TERMINAL BOARD for HGD, SAC & SDC stepper drives SAC-TB HGD/SDC-TB



For RTA HGD, SDC & SAC stepper drives

The RTA HGD, SDC and SAC stepping motor drives are manufactured with AMP series crimp terminal connectors. While these terminals save space and cost, they do not always make cable connection easy..

We have developed a printed circuit board with mating plugs that plug into the stepper drive and provide screw terminals for the cables. There is also a base plate to simplify mounting in a control cabinet.

The printed circuit board also has solder pad links to common + or - control input terminals of the optocoupled control inputs. This reduces the number of cable conductors used in installation.

SPECIFICATIONS

ORDERING INFORMATION

HGD/SDC-TB
for HGD04, HGD06 SDC04, SDC05, SDC06 drives
SAC-TB
for SAC25, SAC26 drives

TERMINALS

Phoenix screw terminal blocks
Motor: 0.25 to 1.5mm² (0.22-0.25Nm)
Supply: 0.25 to 1.5mm² (0.22-0.25Nm)
Control: 0.14 to 1.5mm² (0.22-0.25Nm)

SUGGESTED CABLES (not supplied)

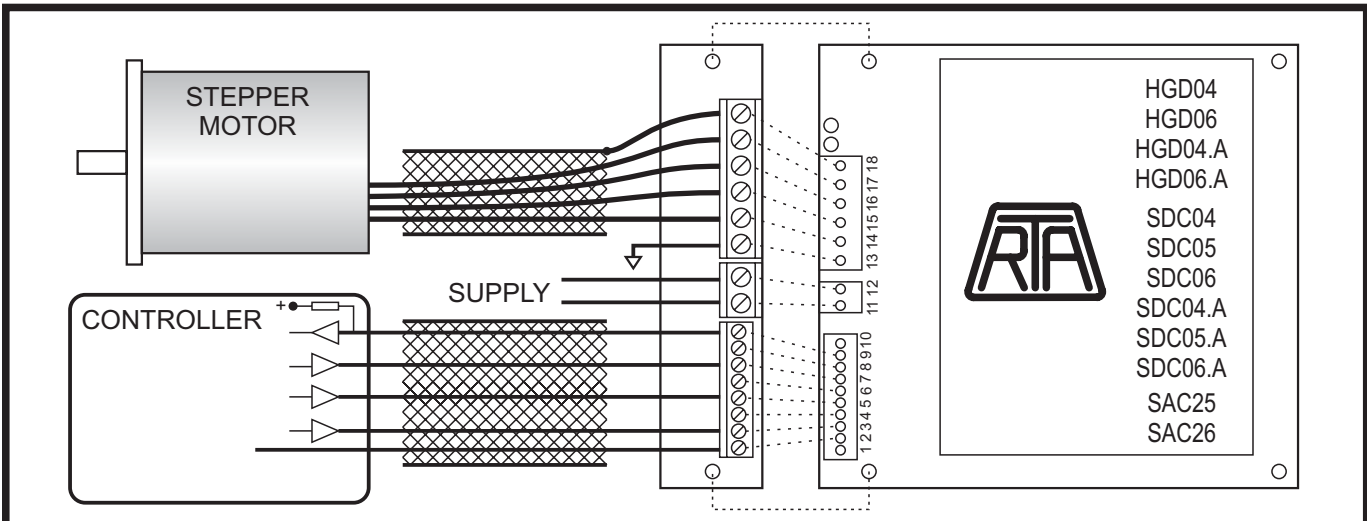
Motor
4 x 1mm², 30/0.20, colored, braided screen. Unscreened cables may be used within cabinet but noise may affect other devices.

Supply
24/0.20, 0.75mm² tinned, insulated
Electcables number FHH24020

Control
4 x 2 x 0.25mm², 7/0.2, colored, braided screen
Treotham number 21036

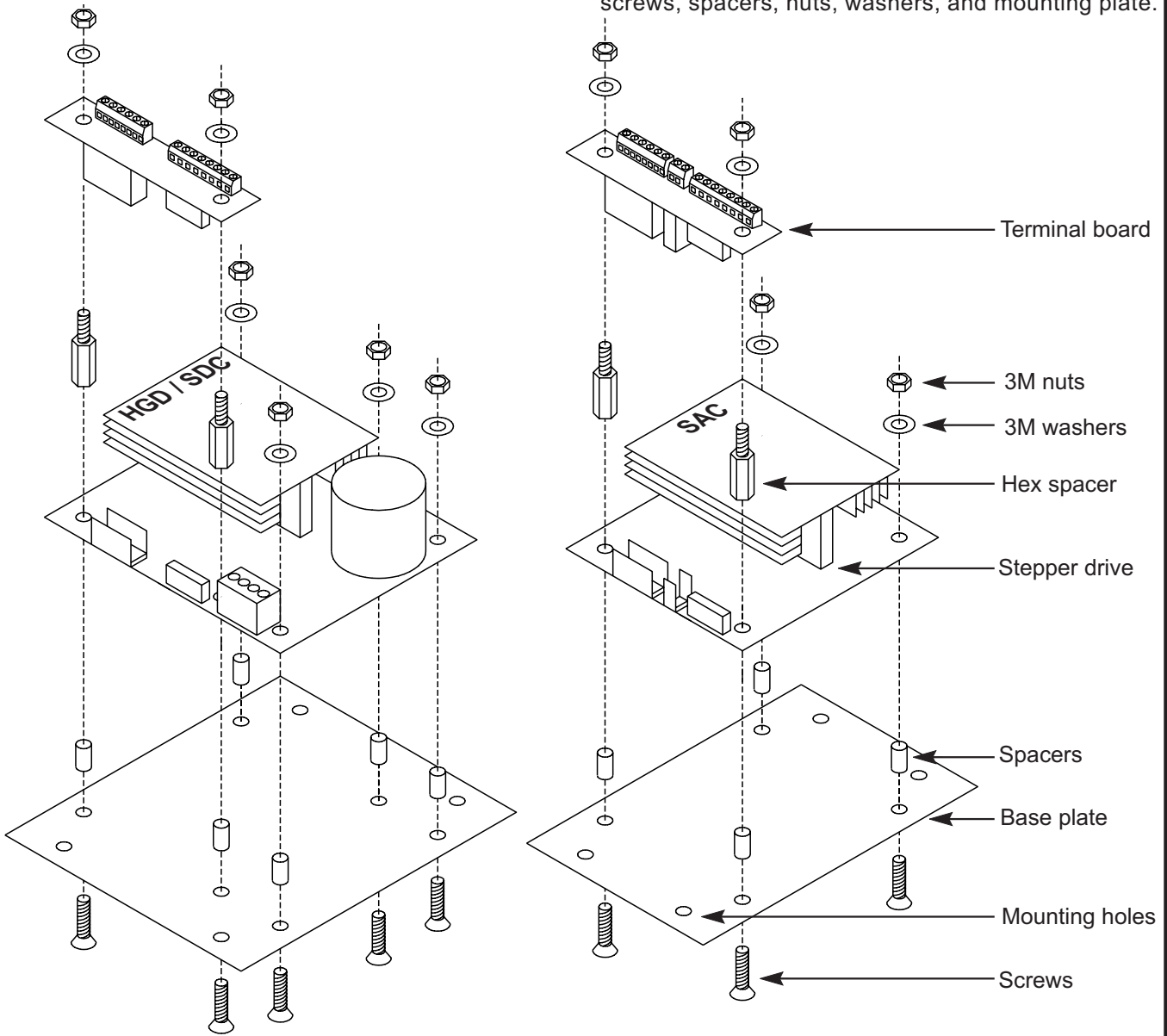
SOLDER LINKS

For control inputs only.
Fault +, Step +, Direction +, Current off +
Fault -, Step -, Direction -, Current off -

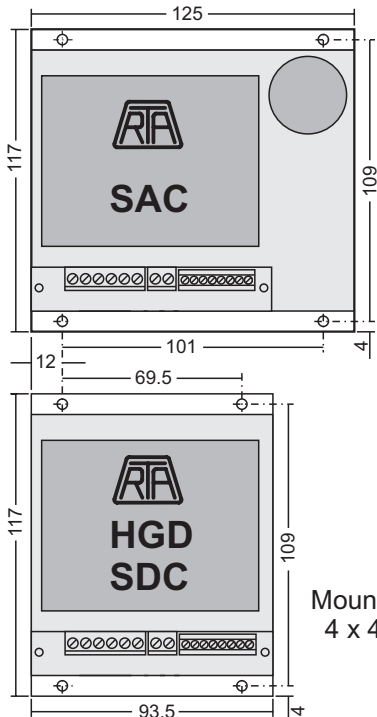


ASSEMBLY

The terminal board is supplied complete with all screws, spacers, nuts, washers, and mounting plate.



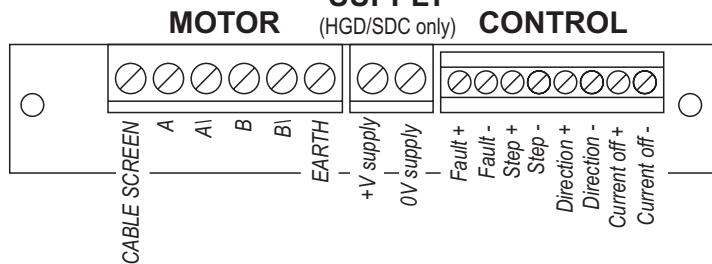
DIMENSIONS



CONNECTIONS

DC SUPPLY (HGD/SDC only)

TOP VIEW



LINKS

F = fault S = step D = direction E = current off BOTTOM VIEW

