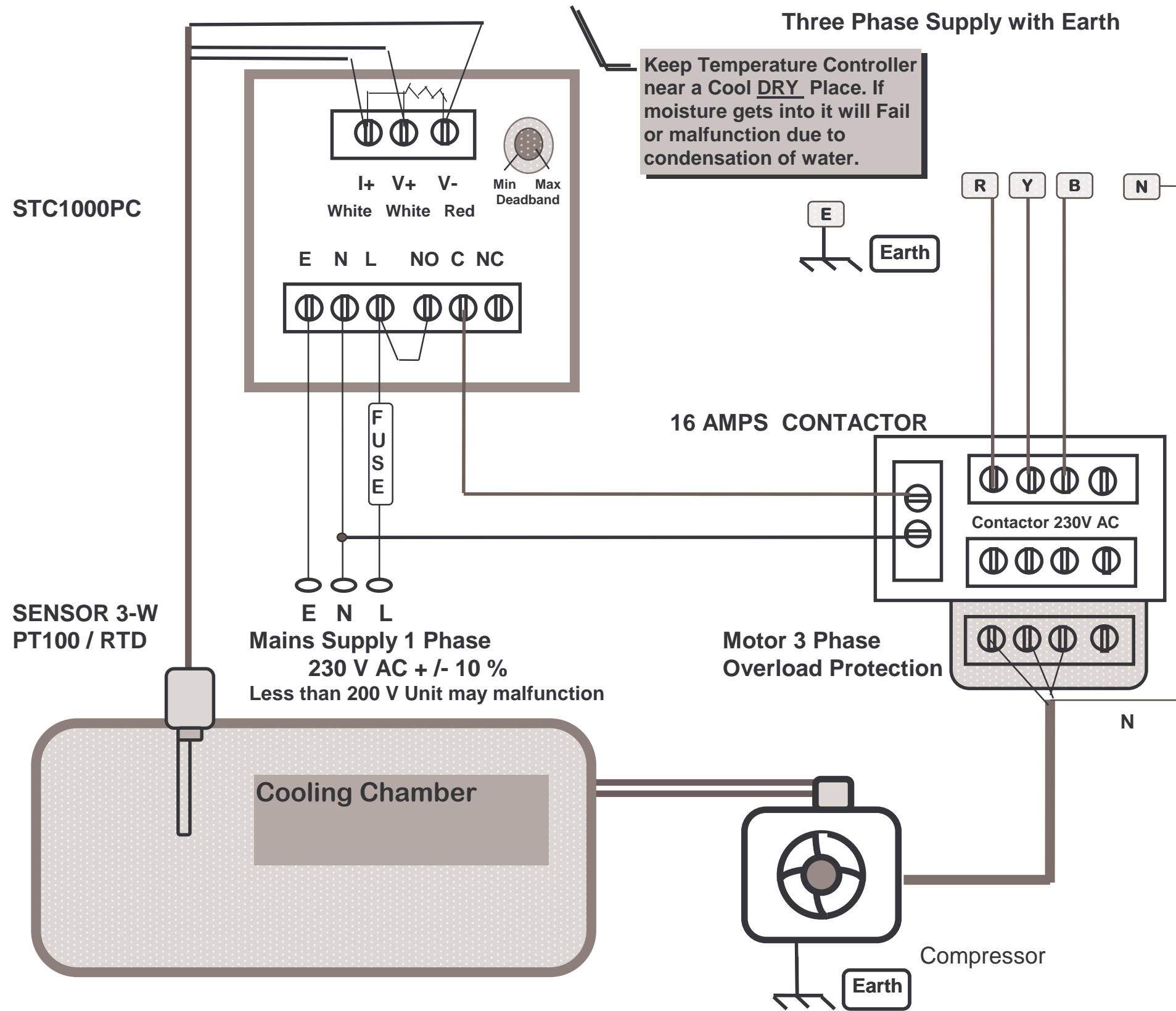


COOLING TEMPERATURE CONTROL WITH STC1000PC.



UNDERSTANDING COOLING.

1. Before you use a Controller to Cool a Chamber to Say +5 Deg C.

First :

Do not Connect the Controller. Directly Connect the Cooling Device e. g. : Compressor. to the system and check the maximum cooling it can produce. In case temperature goes to 0 deg or -10 deg then by using a STC1000 you can control at +5 deg.

But if directly you get cooling of only upto +10 deg then it is impossible for any controller to produce extra cooling, in such a case as this use a better compressor or more insulation.

Second :

Connect Sensor properly and replace when broken keep sensor close to the source of cooling.

Third :

Deadband (DB) at minimum is 1 Deg this is the best setting, maximum setting of deadband may increase compressor life and also save power but will produce a huge variation in temperature.

Fourth :

If large Variation of temperature is present and you need accurate control Reduce deadband to min.

UNIT IS FACTORY SET DB AT 1 DEG REMOVE SEAL TAPE BEFORE DEAD BAND ADJUSTMENT.