

ADDENDUM TO PRODUCT MANUAL

ELECTROMAGNETIC COMPATIBILITY

INSTALLATION ADVICE:

- ENSURE THAT NORMAL GOOD PRACTICE IS OBSERVED WHEN INSTALLING AND WIRING THE CONTROLLERS. DO NOT RUN SIGNAL CABLES NEAR TO ELECTRICALLY NOISY EQUIPMENT – USE SEPARATE ROUTES FOR SIGNAL AND POWER - USE SCREENED CABLES (EARTHED AT ONE POINT ONLY FOR SIGNAL WIRING).
- ENSURE THAT THE AC NEUTRAL IS AT OR NEAR TO GROUND (EARTH) POTENTIAL. A PROPER NEUTRAL WILL HELP OBTAIN MAXIMUM PERFORMANCE FROM THE INSTRUMENT.

THE PRODUCT MAY BE EXPOSED TO EXCESSIVE INTERFERENCE IF:

- THE PRODUCT OR ITS WIRING IS LOCATED NEAR TO A RADIO TRANSMITTER
- EXCESSIVE ELECTRICAL NOISE OCCURS ON THE MAINS SUPPLY
- CELLULAR TELEPHONES AND MOBILE RADIOS MAY CAUSE INTERFERENCE IF USED WITHIN APPROXIMATELY ONE METRE OF THE PRODUCT OR ITS WIRING. THE ACTUAL SEPARATION NECESSARY WILL VARY ACCORDING TO THE POWER OF THE TRANSMITTER
- MAINS SUPPLY IS NOISY – IN THIS CASE AC POWER LINE PROTECTORS SHOULD BE INSTALLED . (PROTECTORS CAN COMBINE FILTERING, SUPPRESSION, SURGE AND SPIKE ARRESTORS).

RELAY OUTPUTS

- IF SWITCHING INDUCTIVE LOADS CONSIDERATION SHOULD BE GIVEN TO INSTALLING A CONTACT SUPPRESSOR OF AN APPROPRIATE DESIGN FOR THE APPLICATION, AT OR AS CLOSE AS PRACTICALLY POSSIBLE TO THE LOAD.
- IT MAY ALSO BE NECESSARY, DEPENDENT UPON THE SIZE OF LOAD, TO INSTALL AN AUXILIARY RELAY OF A HIGHER RATING.