

High output external alarms

The following guidelines are considered good practice when connecting a 3rd party high output external alarm or inductive load to an E-Series Display. They should be read in conjunction with Page 25 of the E-Series Networked Display - Installation Manual (87043_1). If you are in any doubt as to how to make such connections, please consult an authorised installer.

This information is not relevant if you are using a Raymarine external alarm (M81165) or if no external alarm is fitted.

- **Connecting a high-power output**

The E-Series alarm signal is an open-collector output limited to 100mA at 24 volts. If you need a higher current or voltage, you should connect the E-Series via an external relay.

- **Connecting an inductive load**

When connecting the output to a relay or other inductive device, a spike suppression diode e.g. 1N4001, should be fitted.

