

**Note:** Immediately after the installation of Digital Lightning 1150, the ignition shall be turned on and the headlights shall be switched on to the "Auto"-mode. When the headlight start-sequence is finished, please activate the high beam for at least 5 seconds to allow Digital Lightning 1150 to calibrate against the car. This operation only needs to be performed once after the installation. When this calibration is finished, Digital Lightning 1150 will be flashing 3 times to indicate that it has saved the configuration.

#### Instructions how to deactivate and activate Digital Lightning 1150:

Digital Lightning 1150 is always delivered in an active mode. Should you however wish to deactivate its function, please follow the steps below. The same steps will apply when you wish to activate the unit again.

1. Let the main beam light be turned off for at least 5 seconds.
2. Activate the configuration mode by flashing with the main beam 10 times during a period of 5 seconds, i.e. 500ms between each flash.
3. Wait 1 second.
4. The main beam will light up to indicate that you have successfully enabled the configuration mode. The configuration mode will last for 5 seconds.
5. During the configuration mode, flash with the main beam light once to switch between the "activated" or "deactivated" mode.
6. Wait for the main beam light to turn off. This indicates that the configuration mode is now disabled.
7. Confirm that you have completed the configuration mode by flashing with the main beam 10 times during a period of 5 seconds, i.e. 500ms between each flash.
8. Wait 1 second.
9. Digital Lightning 1150 will now indicate that it has saved the configuration by flashing with the main beam as follows:
  - One long flash: The flashlight function is deactivated.
  - Two short flashes: The flashlight function is activated.

**Modernum – a trademark within Sepab Fordonsprodukter AB**

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## Digital Lightning 1150

**A professional kit designed for cars with CAN-controlled headlights. The Digital Lightning 1150-kit includes a controller together with fused cabling with a DT-connector for an easy connection to a LED light bar or other external light. Digital Lightning 1150 also supports Automatic High Beam-function, when this is activated on the car.**

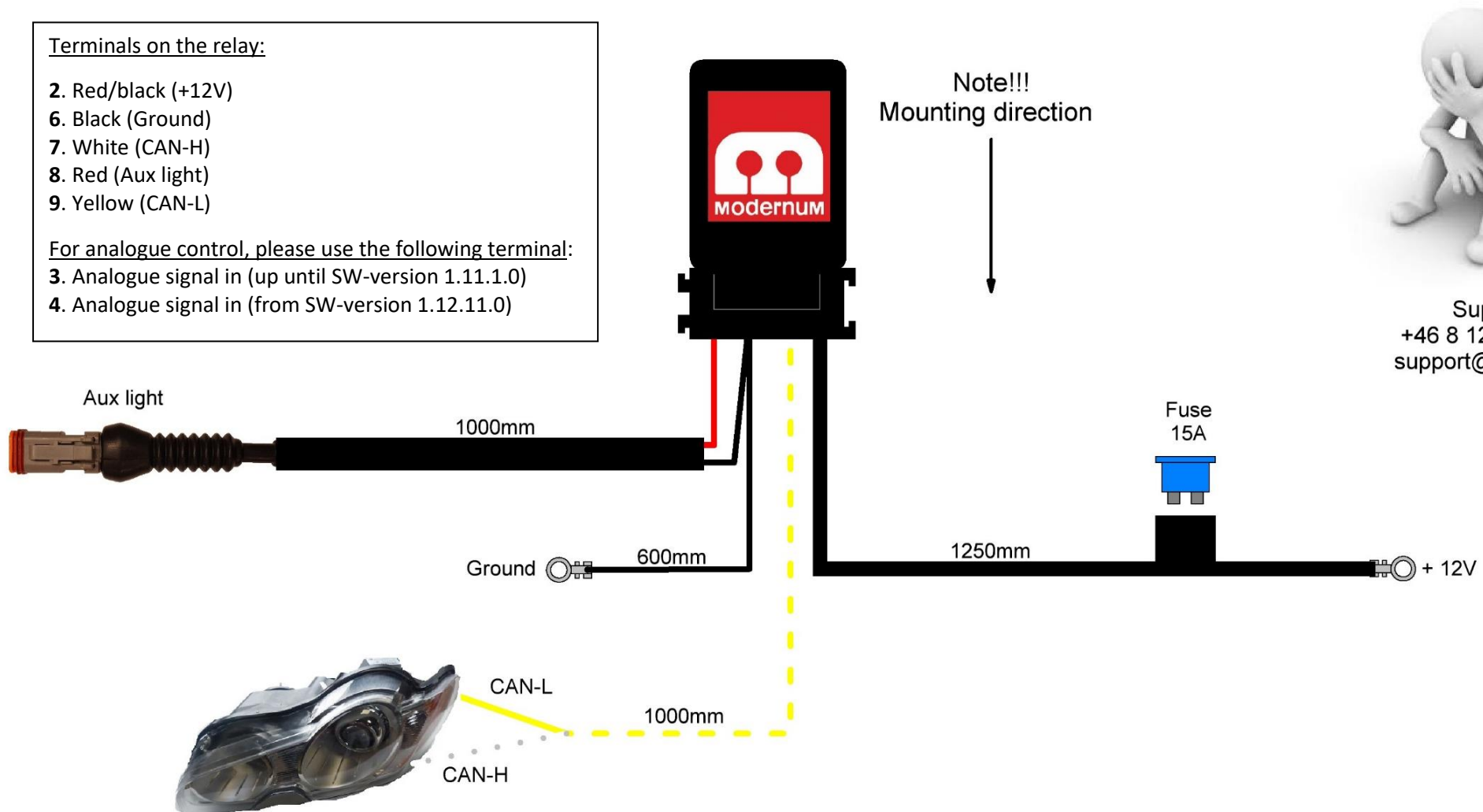
As we continuously update Digital Lightning, please always check [modernum.se/produkter/extraljuskablage/](http://modernum.se/produkter/extraljuskablage/) to find the latest information on which car brands and models your version of Digital Lightning 1150 is configured for.

Terminals on the relay:

- 2. Red/black (+12V)
- 6. Black (Ground)
- 7. White (CAN-H)
- 8. Red (Aux light)
- 9. Yellow (CAN-L)

For analogue control, please use the following terminal:

- 3. Analogue signal in (up until SW-version 1.11.1.0)
- 4. Analogue signal in (from SW-version 1.12.11.0)



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**Note!**

White (CAN-H) and yellow (CAN-L) twisted cable = Digital signal in.

- It is recommended to solder the CAN-connections.
- The short heat-shrink tube enclosed should be used to cover and seal the soldered CAN-connections.
- The long tube can be used to cover the visible length of the CAN-cables, if wanted.