

AC Request Module E38



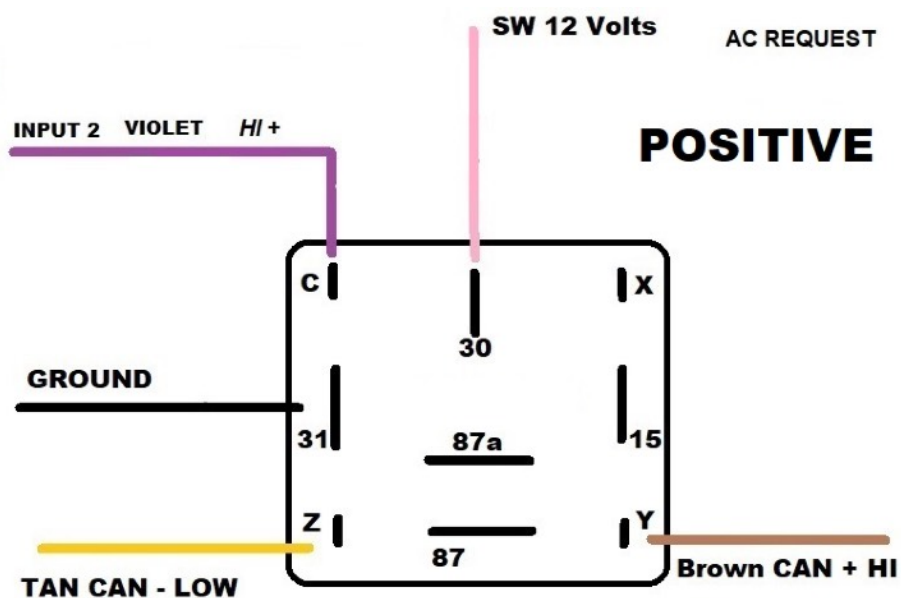
- Pink** Switched 12 volts
- Black** Ground
- Brown** Canbus Data CAN+
- Tan** Canbus Data CAN -
- Violet** AC Request Input Signal

When wired properly this unit will send a AC request signal to the GM ECU. When the violet wire is active (**above 10 volts**) it will send "AC requested". When the violet wire is not active (**0 volts**) it will send "AC not requested".

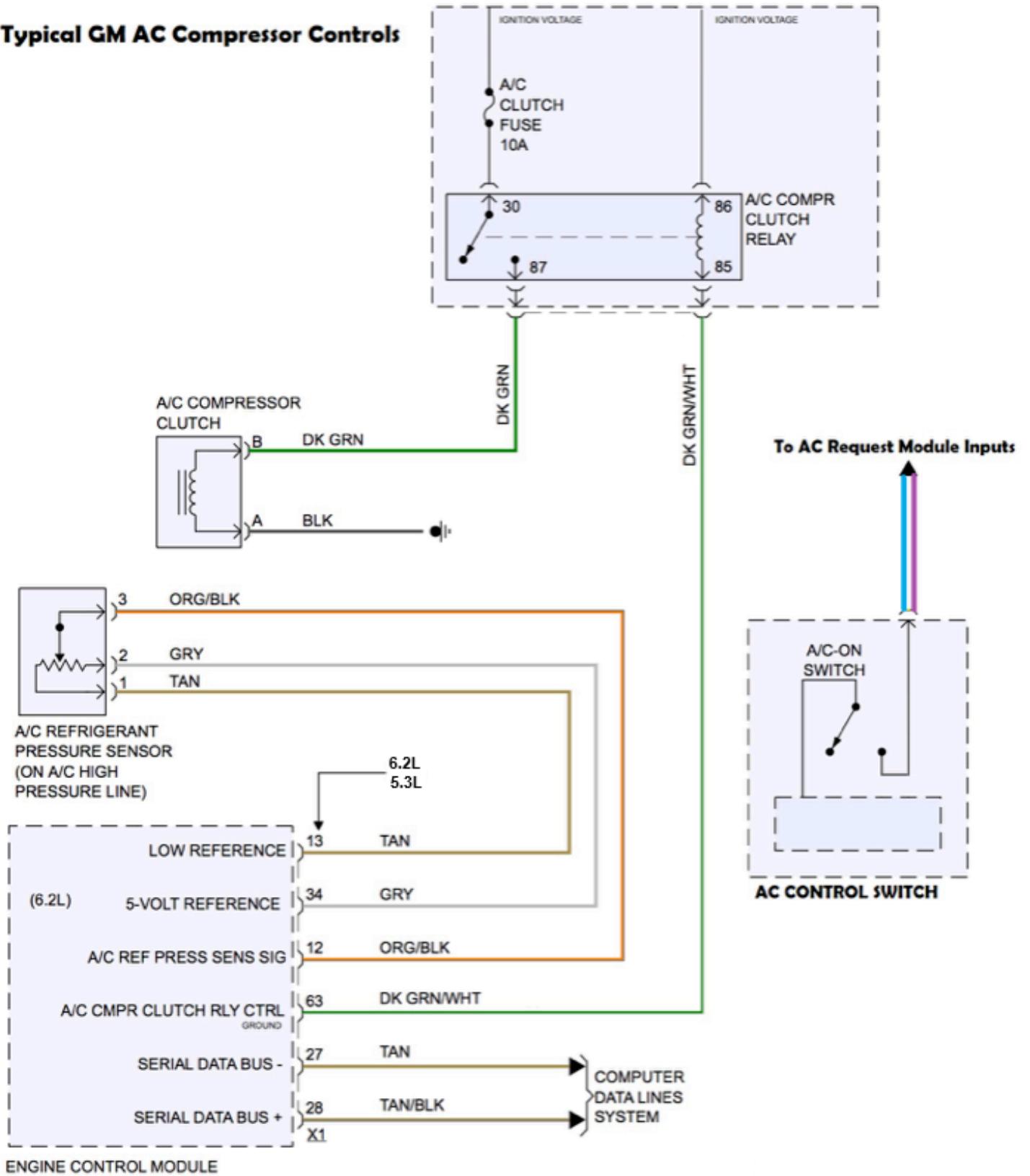
The best place to wire in this module is at the GM ECU X1 Connector. Locate the pin location and wire color based on the pictures below and splice in the wires from our module. Then run the Violet wire to your AC system, attach it to either a wire that is after the cycling switch or to the wire that powers the AC compressor clutch.

** The GM ECU will need the 3 wire AC pressure sensor wired into the ECU so it can read the AC pressure. Without it the AC request will not function because the GM ECU will have the AC disabled due to not being able to read any AC pressure. **

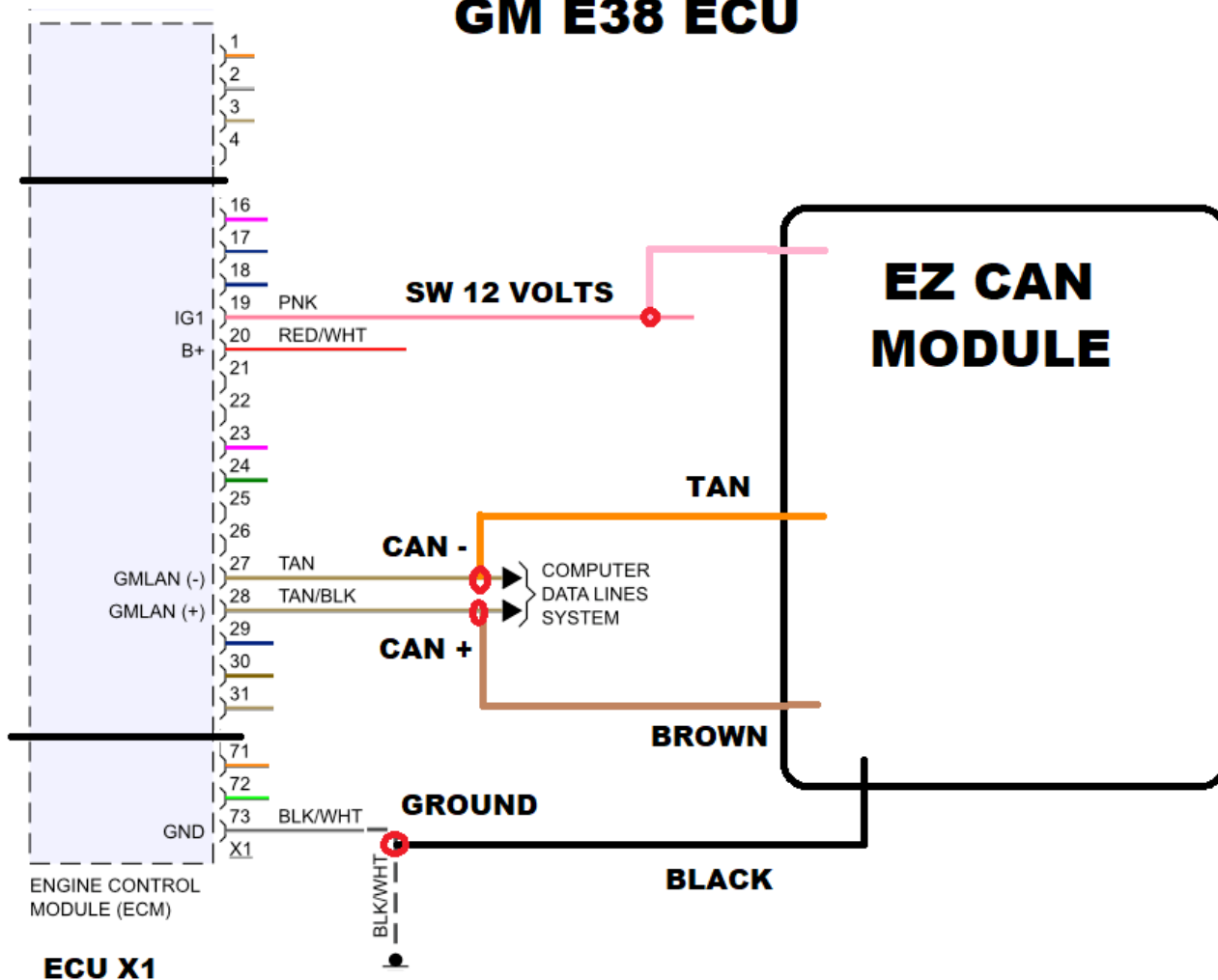
This unit is also sending the GM alternator charging rate signal so you can run the stock GM alternator without it being in fail safe mode. you should see around 13.8 - 14.4 volts depending on the load.



Typical GM AC Compressor Controls



GM E38 ECU



E38 X1 VIEW FROM REAR

