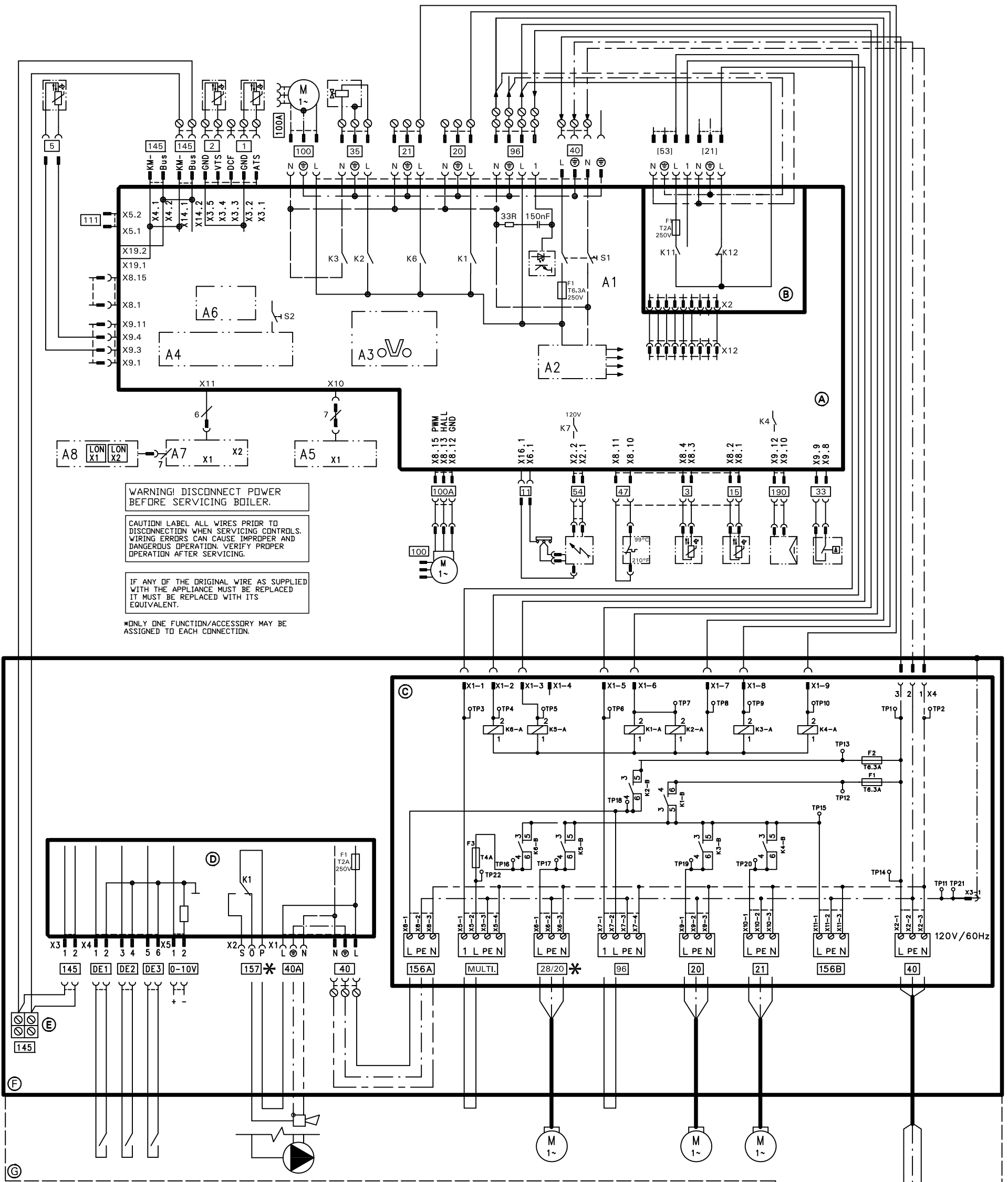


Vitodens 200, B2HA Models 19/28/35

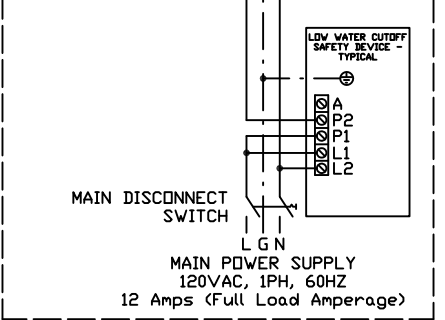


- (A) Boiler Control
(B) External Access. Con. Board
(C) Pump Connection Interface
(D) Extension Module EA1
(E) KM-BUS for External Devices
(F) Electrical Junction Box
(G) Field Wiring Connections
- A1 Main Board
A2 Internal Power Supply Unit
A3 Optolink
A4 Burner Control Unit
A5 Programming Unit
A6 Coding Card
A7 Connection Adapter
A8 LON Communication Module
S1 ON/OFF Switch
S2 Reset Button
X... Electrical Interface

Electrical Installations Must Comply With;

In the U.S.A. National Electrical Code (NEC), ANSI/NFPA 70 and any other national, state, and local codes and/or regulations.

In Canada, the Canadian Electrical Code (CEC), CSA C22.1 Canadian Electrical Code Part 1 and any other province, territory, local codes and/or regulations.



- | | | |
|---|-----------------------------------|------------------------------------|
| 1 Outdoor Temperature Sensor | 35 Gas Valve | Multi Powered Accessory Connection |
| 2 Flow Temperature Sensor/Low Loss Header | 40 Power Supply | 156A Switched Output F2 |
| 3 Boiler Temperature Sensor | 40A Accessory Power Output | 156B Switched Output F1 |
| 5 DHW Temperature Sensor | 47 Fixed High Limit | DE1 Digital Input 1 (Dry Contact) |
| 11 Ionization Electrode | [53] Powered Accessory Connection | DE2 Digital Input 2 (Dry Contact) |
| 15 Flue Gas Temperature Sensor | 54 Ignition Transformer | DE3 Digital Input 3 (Dry Contact) |
| 20 Boiler Pump | 96 Powered Accessory Connection | 0-10V 0-10VDC Input |
| 21 DHW Pump | 100 Fan Motor | 157 Fault Alarm/DHW Recirc. Pump* |
| [21] Pump Output Connection | 100A Fan Motor Control | 190 Gas Modulation Coil |
| 28/20 Programmable Pump Output* | 111 Not Used | |
| 33 Flow Switch | 145 KM-BUS | |