ELECTRONIC ONBOARD

Can Bus I/O Controllers

EFA offers complete electrical system solutions with integrated hydraulic management for vehicles and working equipment manufacturers. This is a smart system that manages all the electrical components such as hydraulic valves, sensors, switches, lights, DC motors, even fuel engines. Heating, ventilation and A/C systems (HVAC) management can also be added into an all integrated system. In this manner, vehicles can be smarter and safer.

**CAN Bus VERSAPLEX and Hydraulic Valves Controllers:**

- Up to 40Amp total continuously;
- Smart power outputs of 6A(Sourcing), up to 12Amp when bridged;
- 6 sinking outputs for close loop current feedback
- Inputs that can be configured to read digital (On/Off) or analog signals;
- Current monitoring feature for each output;
- IP67 enclosure designed for outdoor use.

*Several configurations available see PR2300 series

**HIGH POWER PLEX Multiplexed Power Controllers:**

- Up to 120Amp total continuously;
- Smart power outputs of 15A, up to 30 Amp when bridged;
- Inputs that can be configured to read digital (On/Off) or ana-log signals;
- Status indicator lights for each input and output;
- Current monitoring feature for each output;
- IP66 Enclosure designed for outdoor use.
4x Solid State Relay with PWM:

- This device does more than simply relay. For about the same cost of adding 4 relays including holders for fuses and relays, this module is able to drive loads in PWM mode for variable controls. Quick diagnosis is also possible using status LEDs. A total output current summary feature will allow monitoring loads.
- Supply voltage: 5 or 32V;
- Reverse polarity protection and load dump protection;
- Operating temperature range: -40°C to +80°C;
- Waterproof design;
- I/O LEDs
- Maximum total continuous current: 60A