

The SafeLink[®] I/O S-Nodes[™] provide your electrical system with the flexibility you demand.

Key Features & Benefits

- Fully configurable with the SafeLink Integrated Development Environment (IDE) by the OEM.
- OEM connects to one or all nodes with the IDE, to run in debug mode and monitor I/O and all memory in real-time.
- Endless features and options to help the OEM meet the demands of highly custom fleets and one-off vehicles.
- 150A total continuous power with high current and low current outputs for maximum flexibility.
- 28 total inputs {24 digital, 4 analog} Digital inputs have debounce and wetting current settings by the OEM
- 36 total outputs (32 hi and 4 low) have under current and over current settings by the OEM
- IP67, -40° to +85°C



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Specifications

| Node Data | |
|-----------------------|---|
| Operating Voltage | 8VDC to 32VDC. Reverse polarity protection on power |
| Operating Temperature | -40F to 185F (-40C to +185C) |
| CAN Network | 125, 250 or 500KBS, peer to peer |
| Sealed Enclosure | IP67, Deutsch Connectors |
| Dimensions | 13.9" x 8" x 2.5" |
| Weight | 6.2lbs |

| Inputs/Outputs | | |
|--------------------|---|--|
| 24 Digital Inputs | 16 Bi-Directional and 8 Ground only. | |
| 4 Analog Inputs | 4-20 mA, 0-5VDC, 0-VBAT, resistive or use as a digital input | |
| 36 Digital Outputs | 4-25amp, 4-15amp, 8-8amp, 16-4amp, and 4 low side at 4amp | |
| 2 CAN Ports | 1 SI-CAN and 1 configurable port | |
| 1 Micro USB OTG | For connecting to node or flashing | |
| Memory | 1MB Flash, 320KB SRAM, | |

| dvanced Settir | gs | > |
|----------------|--|----------|
| I unders | change these value tand the ramification afe Link support. | |
| Debounce | _ | |
| Reads 2 | | () () |
| Delay 10 ms | | |
| Low-Power Mod | e | |
| Polling Rate | 64 ms | \sim |
| Miscellaneous | | |
| SB High-Sp | eed Poll Time | |
| Disable VB/ | TP Overvoltage Pro | otection |
| Defaults | ОК | Cancel |
| | Inputs | |

× Advanced Settings Warning Do not change these values unless you fully understand the ramifications or are instructed to by SafeLink support. Æ Overcurrent Retry Retry 2 Times Delay 50 ms Open/Undercurrent-Delay 1000 ms Load Learn Flag 20 % . . . ? Overcurrent Delay 0 ms Default Cancel OK

Outputs

Advanced I/O



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