

## 5.2. Header Board

The header board is used to distribute power and IOLink throughout the cabinet. It distributes 24 VDC from a power system to one or more columns of mounting plates in one or both sides of a cabinet that contains the power system. The IOTA receives its power and IOLINK communication through the combination power / IOLink Cable from the header board. One pair of header boards can provide redundant power and IO communication.



### 5.2.1. Notable Features

- Redundant power distribution and IOLink communication system
- Ability to extend power and IOLink to adjacent cabinets through connectors
- Four connectors for combination power / IOLink cable to IO modules in cabinet
- Combination power / IOLink cable is daisy-chained to allow connection to multiple IO modules, disconnecting cable from one IO module does not affect other modules

### 5.2.2. Model Number

Description	Model or Part Number
Series 8 Header Board	8C-SHEDA1

### 5.2.3. Detailed Specifications- Header Board

Header Board Parameter	Specifications
Power Input (VDC)	24
Power Output (VDC)	24
Power Connector	3
Combo Cable Connector	4 pairs, 6 pins
IOLINK Extension	2 pairs, 3 pins
Ambient Temperature Range (deg. C)	0 to 60