

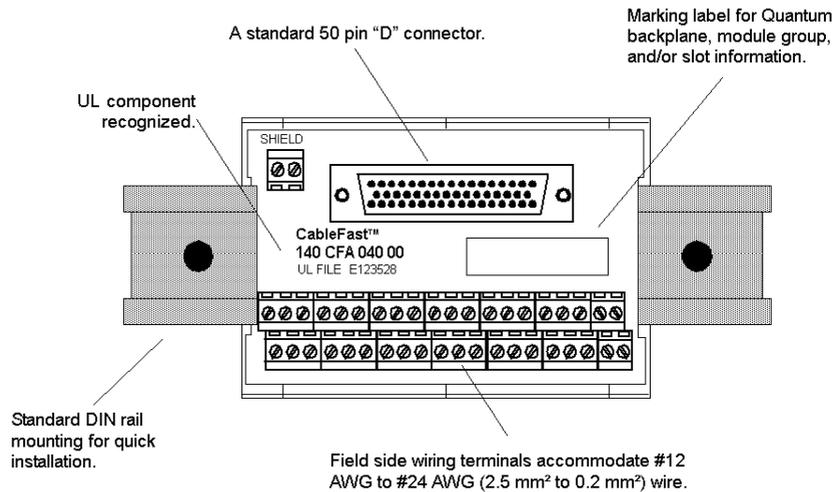
CableFast Terminal Blocks

This table includes descriptions for the following terminal blocks.

Block Number	Block Description
140CFA04000	The A block is a straight through point to point connection on the terminal block. Wiring of this block is identical to wiring the Quantum I/O connector (140XTS00200).
140CFB03200	The B block is used for individually fused 2-wire digital inputs. This terminal block is designed to prevent a single point failure from affecting the remaining inputs. It is not recommended for sourced 1-wire inputs (powered from the field).
140CFC03200	The C block provides connection for 32 group fused input or output points. The block may be used for 1- or 2-wire inputs or outputs, and features a fuse per group, four groups total. Users select input or output mode via four switches located on the module. (The default is input mode.)
140CFD03200	The D block is used for sensors requiring either 2- or 3-wire electrical interface. A fuse per group is supplied to accommodate the I/O module (4) groups.
140CFE03200	The E block provides connection for 32 individually fused 24 Vdc outputs. 1- and 2-wire interfacing may be selected. Field power must be supplied to the four groups.
140CFG01600	The G block is a high power output block used on both AC and DC circuits requiring up to 2 A. Individual fusing is provided and may be used in both 1- and 2-wire installations. It is also used for isolated AC modules.
140CFH00800	The H block is used for analog inputs, with individual fusing provided per channel. This interface provides plus, minus, shield, and power supply interface for both field and loop power configurations.
140CFI00800	The I block is used for analog inputs. This interface provides plus, minus, shield, and power supply interface for both field and loop power configurations.
140CFJ00400	The J block is used for analog outputs, with individual fusing provided per channel. This interface provides plus, minus, shield, and power supply interface for both field and loop power configurations.
140CFK00400	The K block is used for analog outputs. This interface provides plus, minus, shield, and power supply interface for both field and loop power configurations.

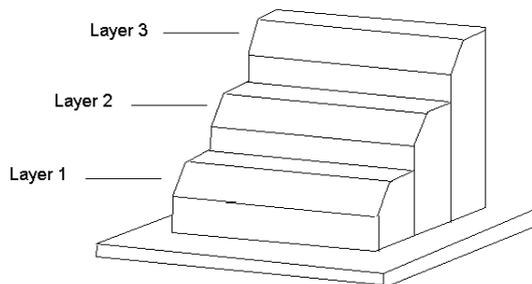
CableFast Terminal Block Features

All CableFast terminal blocks have the following features.



CableFast Terminal Block Stacking Convention

The following figure and table show the stacking convention used by CableFast terminal blocks.



Signal			Layer 3
Positive	Signal	Signal	Layer 2
Negative	Positive	Negative	Layer 1

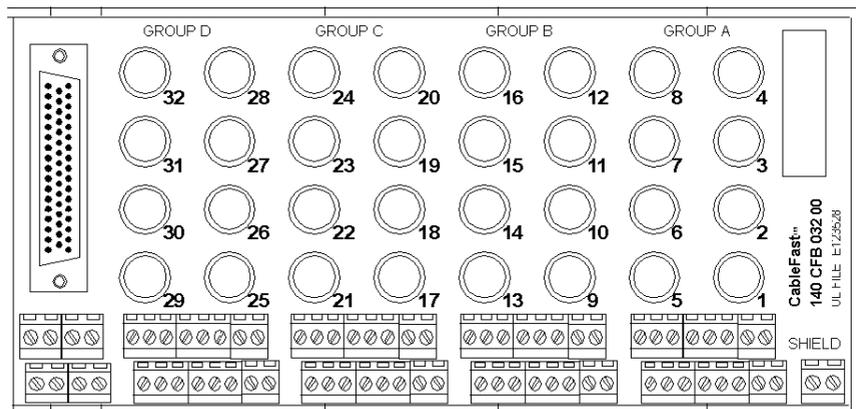
140 CFB 032 00 Quantum CableFast Cabling Block

Overview

The B block is used for individually fused 2-wire digital inputs. This CableFast terminal block is designed to help prevent a single point error from affecting the remaining inputs. It is not recommended for sourced 1-wire inputs (powered from the field).

Terminal Block

The following figure shows the terminal block for the 140 CFB 032 00 module.



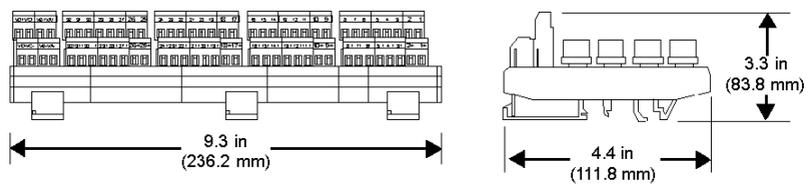
Application Notes

The following are the application notes for the 140 CFB 032 00 terminal block.

- 1. Configuration** – arranged in four groups of eight I/O points. Two terminals per point help prevent disruption of service due to a single point error.
- 2. Compatibility** – this terminal block provides individual 32 point 0.8 A fusing for the following input modules: 140 DAI 353 00, 140 DAI 453 00, 140 DAI 553 00, 140 DDO 153 10, 140 DDI 353 00, and 140 DDI 853 00.

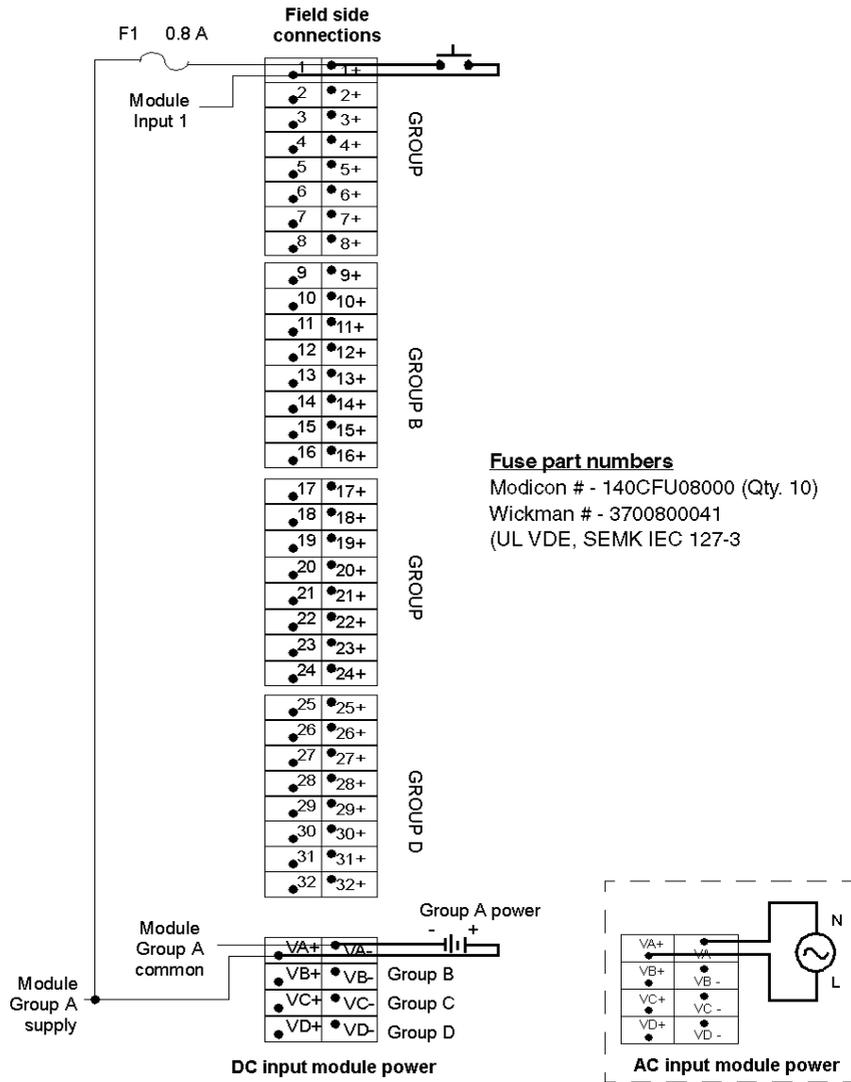
Dimensions

The following figures show the dimensions for the 140CFB03200 terminal block.



Wiring of Input Modules

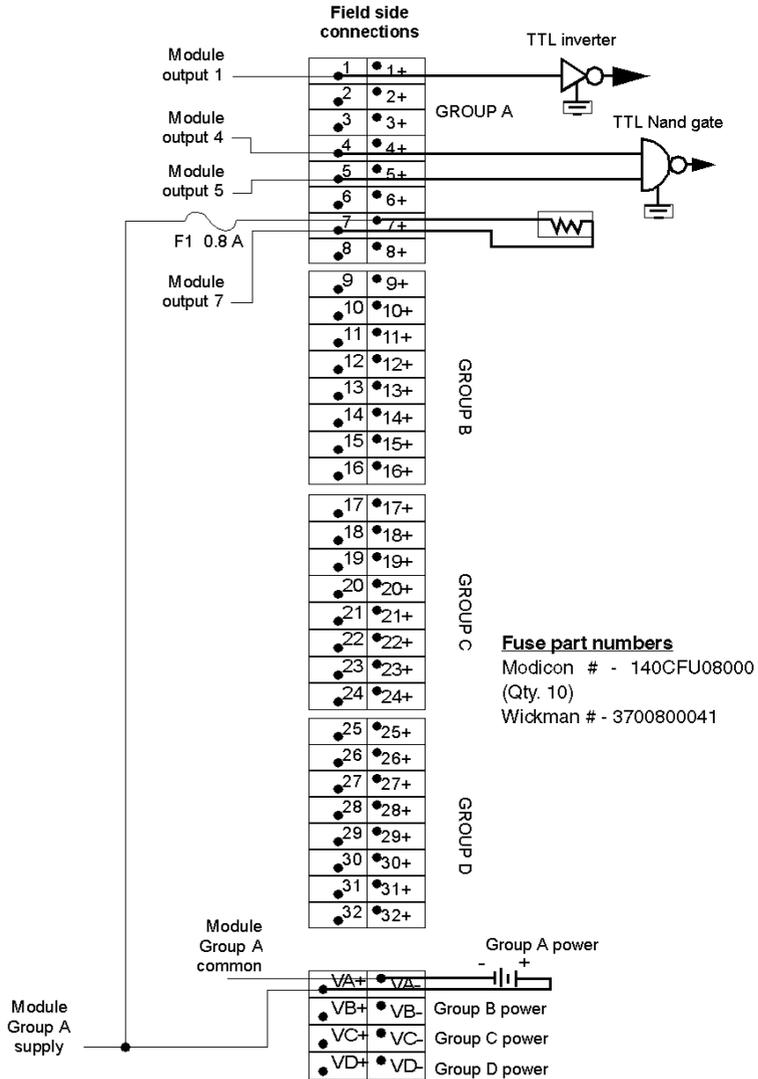
The following figure shows the 140 CFB 032 00 wiring for the following input modules: 140 DAI 353 00, 140 DAI 453 00, 140 DAI 553 00, 140 DDI 353 00, and 140 DDI 853 00.



NOTE: The terminal block commoning strip, Modicon # 140 CFX 001 10 (Qty. 10) can be used to jumper the power between groups.

Wiring of Output Module

The following figure shows the 140 CFB 032 00 wiring for the 140 DDO 153 10 output module.



NOTE: The terminal block commoning strip, Modicon # 140 CFX 001 10 (Qty. 10) can be used to jumper the power between groups.