

Shared-bus Connection System

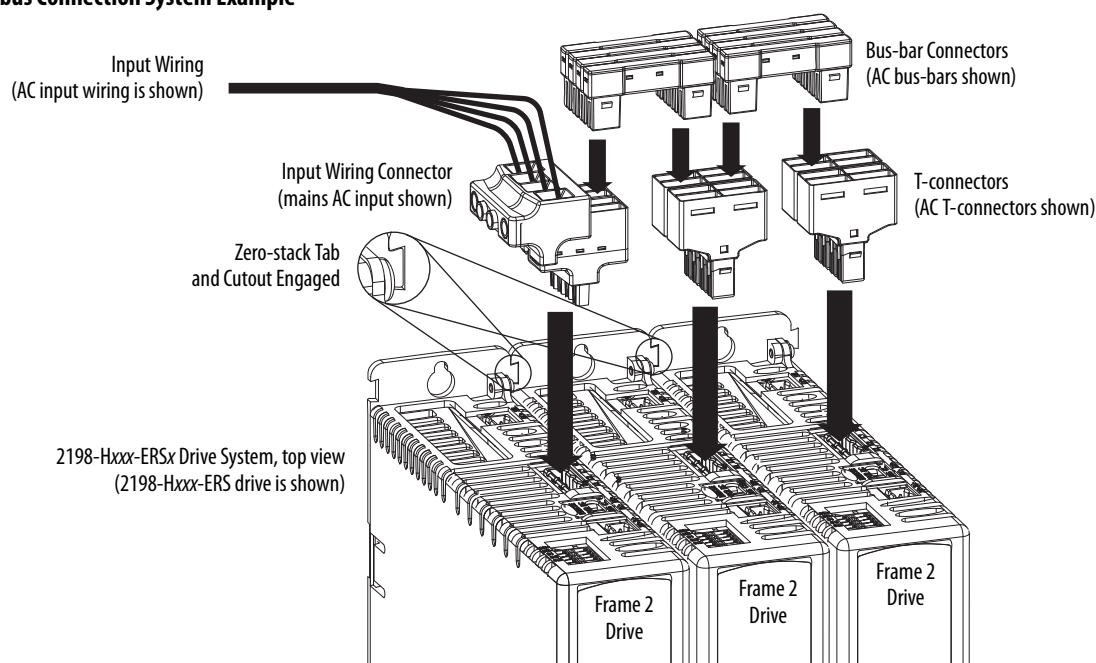
The shared-bus connection system is used to extend the mains AC input, 24V control input, and the DC bus power from drive-to-drive in shared-bus multi-axis configurations.

IMPORTANT When the shared-bus connection system is used, the zero-stack tab and cutout must be engaged between adjacent drives.

The connection system is comprised of three components:

- Input wiring connectors that plug into the leftmost drive and receive input wiring for mains AC and 24V DC.
- AC bus, DC bus, and 24V DC T-connectors that plug into the drives downstream from the first where AC, DC, and/or 24V control power is shared. DC bus T-connectors also plug into the first drive where DC bus power is shared.
- Bus bars that connect between drives to extend the mains AC bus, DC bus, and 24V DC control power from drive-to-drive.

Shared-bus Connection System Example



For each shared-bus servo drive system, you'll need one connector kit catalog number for each drive. Use these tables to determine which connector kits you'll need for your system.

Input Power Connector Kit Catalog Numbers

Frame Size	Cat. No.	Description	Contents	Illustration
1 and 2	2198-H040-ADP-IN	Kinetix 5500 Frame 1 and 2 connectors for the first drive in a multi-axis system.	• AC input connector for frame 1 and 2 drives • DC bus T-connector • Control power input connector	
3	2198-H070-ADP-IN	Kinetix 5500 Frame 3 connectors for the first drive in a multi-axis system.	• AC input connector for frame 3 drive • DC bus T-connector • Control power input connector	