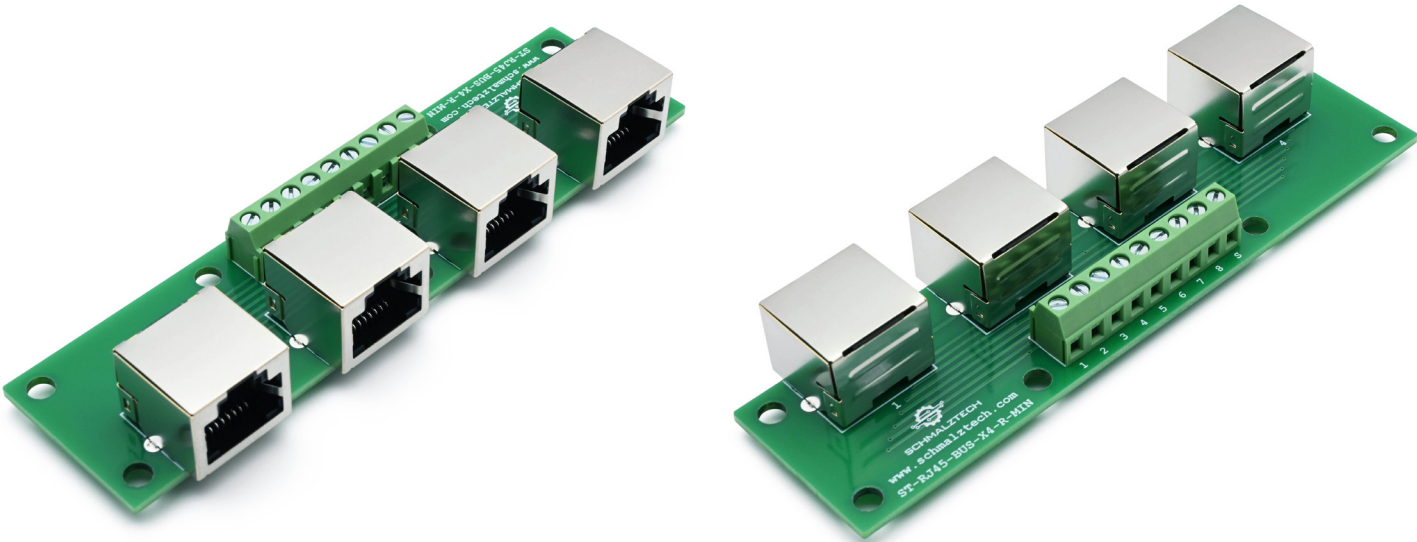


ST-RJ45-BUS-X4-R-MIN

RJ45 4-Port Mini Bus Board



- Connects 4 RJ45 ports in parallel
- Breaks out all 8 contacts and the shield
- Screw terminals for fast connections
- Compact form factor to fit in tight spaces
- Mounting holes for fixturing

Specifications	
Wire Range (stranded)	16-24 AWG
Wire Range (solid)	16-24 AWG
Connectors	8P8C + Shield
RJ45 Connections	4
PCB Surface Finish	LF HASL
Temperature Rating	-25°C to +70°C

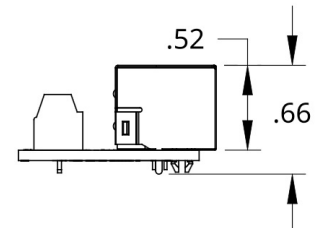
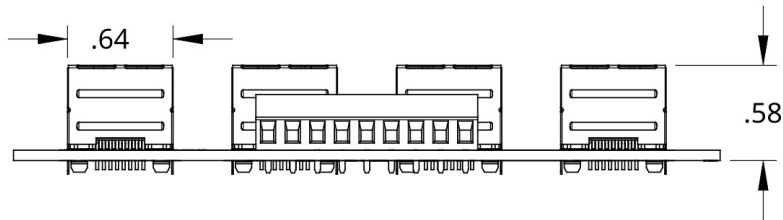
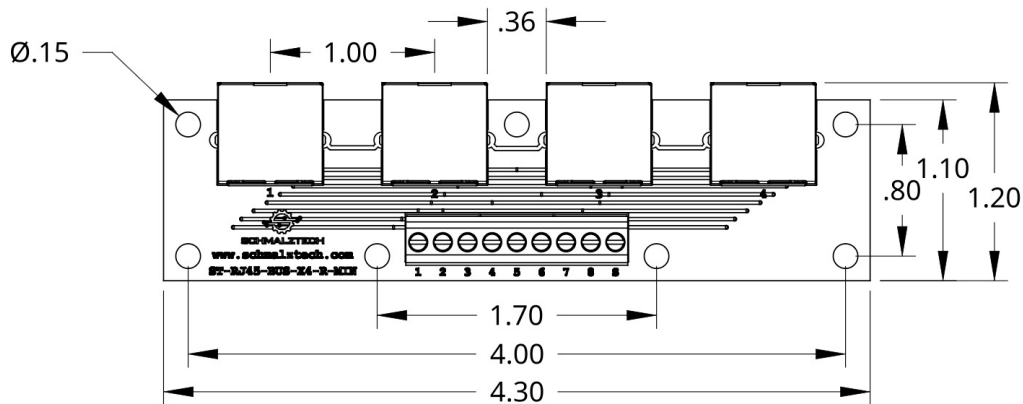
This RJ45 bus board breakout provides a parallel connection between multiple RJ45 connectors as well as a convenient method of accessing all the contacts of an 8P8C connector, including the shield. Each of the 9 connections are brought out to a screw terminal for fast and secure termination to wires. This board is a great way to quickly pass electrical signals to multiple devices through common RJ45 connections. It can also be used as a fast and robust way to daisy-chain devices. This compact form factor will fit in tight spaces and has mounting holes that allow it to be securely fastened ensuring a stable connection.



ST-RJ45-BUS-X4-R-MIN

RJ45 4-Port Mini Bus Board

Mechanical Drawings

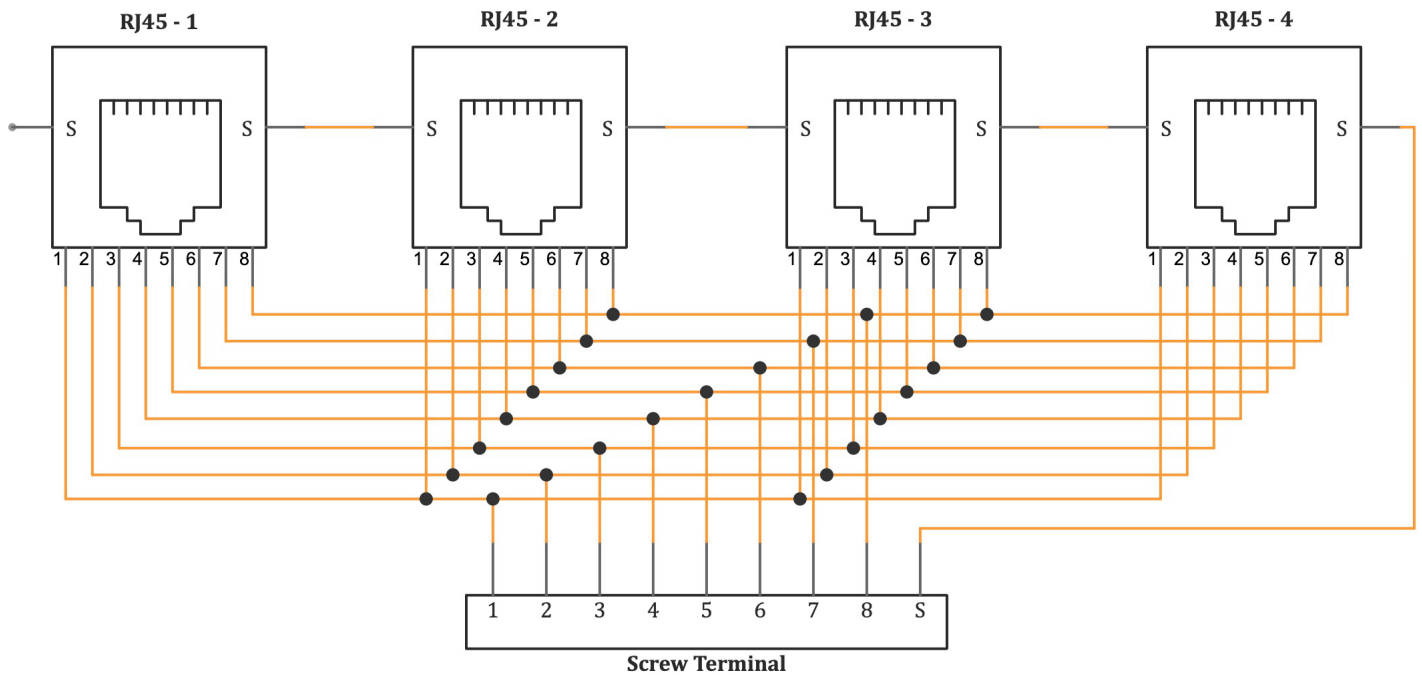


3D models are available at www.schmalztech.com

ST-RJ45-BUS-X4-R-MIN

RJ45 4-Port Mini Bus Board

Electrical Connections



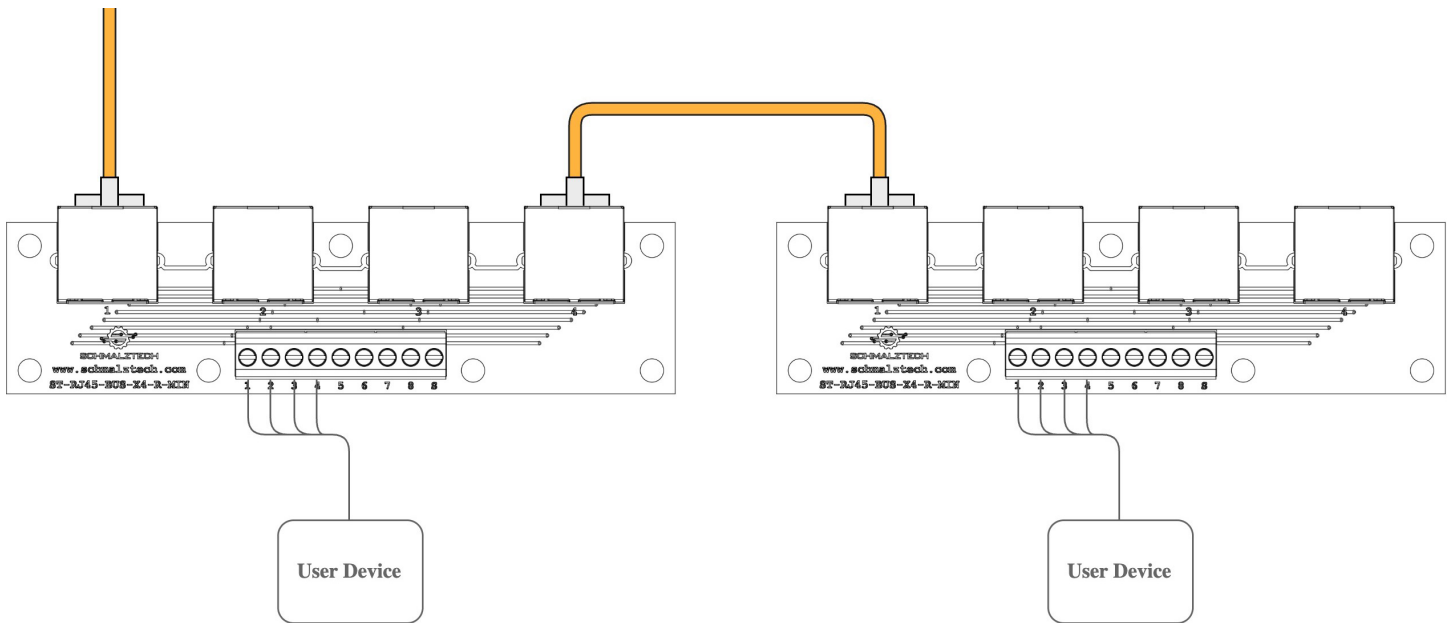
All RJ45 connectors on this board are connected in parallel creating a pass-through bus between connectors. Each pin is also electrically connected to one position on the screw terminal as marked on the board.

The shield connections of all RJ45 jacks are connected together and hooked to the screw terminal marked "S".

ST-RJ45-BUS-X4-R-MIN

RJ45 4-Port Mini Bus Board

Usage Examples - Daisy Chain



SchmalzTech RJ45 Bus Boards are a great way to daisy-chain signals to multiple devices. By utilizing multiple bus boards, user devices can be connected via daisy chain. Each device can pull signals from the screw terminals on the bus board, and the various boards can then be connected together using standard RJ45 cables.

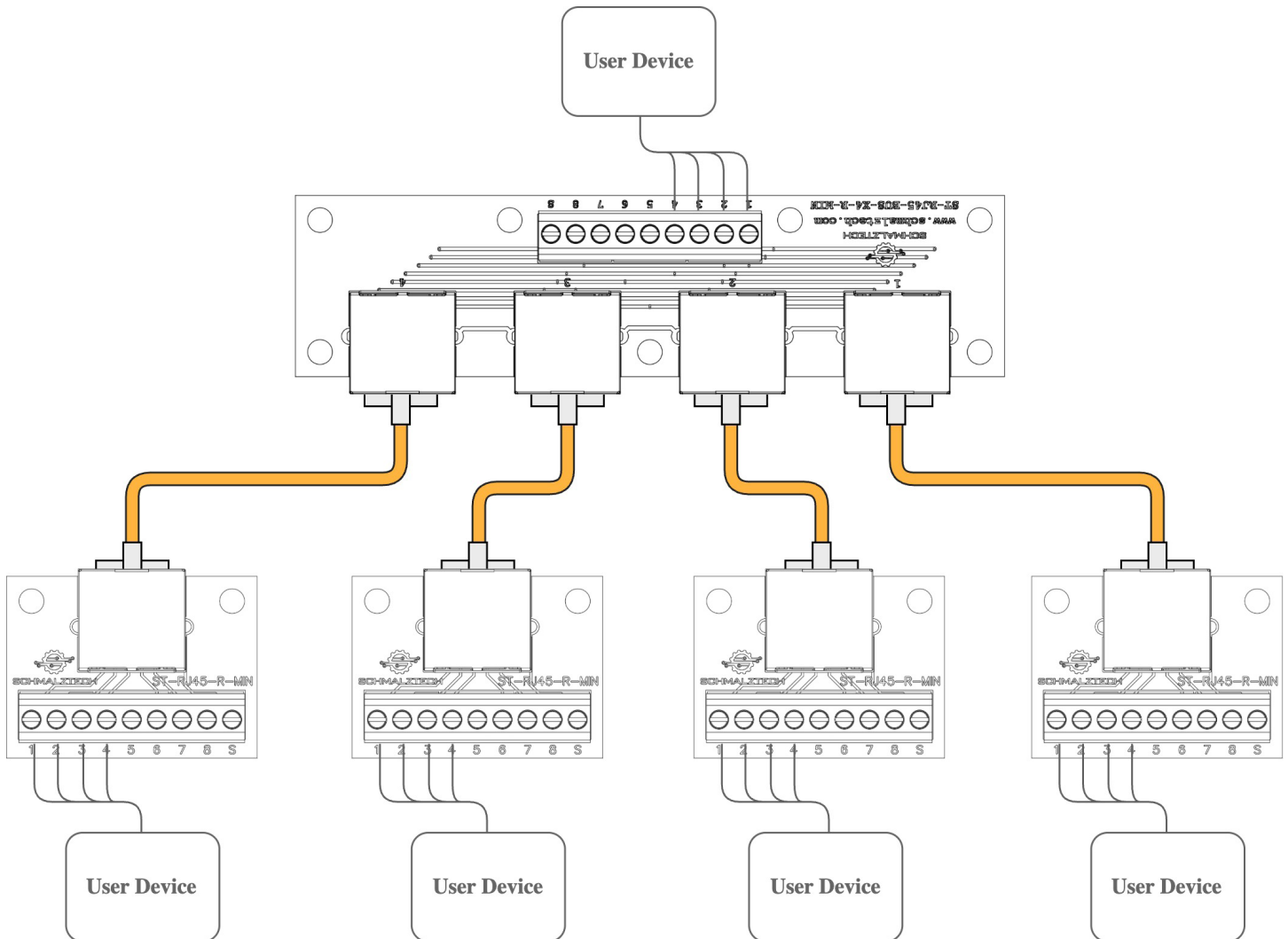
This is a quick and effective way to robustly daisy-chain devices.



ST-RJ45-BUS-X4-R-MIN

RJ45 4-Port Mini Bus Board

Usage Examples - Signal Distribution

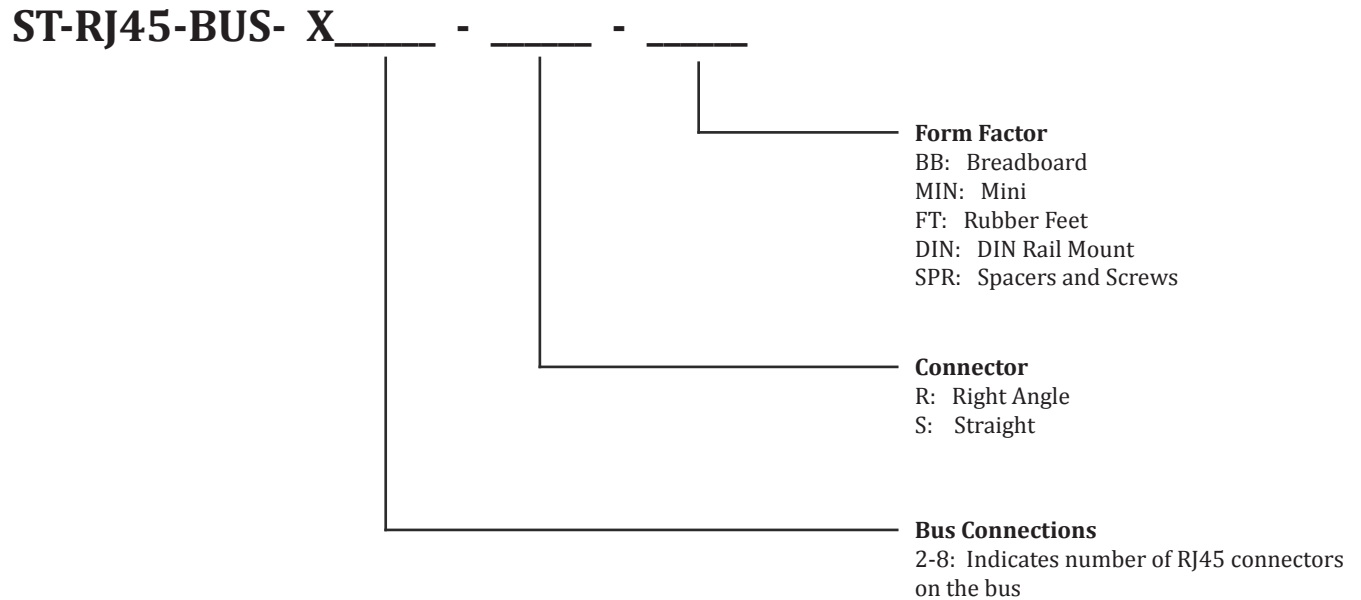


SchmalzTech RJ45 Bus Boards can also act as a convenient way to distribute signals to multiple devices. By utilizing a bus board and multiple individual RJ45 breakouts (ST-RJ45-R-MIN pictured above), electrical signals can be efficiently distributed throughout a system.



ST-RJ45-BUS

- Ordering Information



Ordering

To order please visit www.schmalztech.com or one of our distributors to quickly place an online order.

Orders may also be placed by email or phone:

Email: sales@schmalztech.com

Phone: +1 (844) 399-9213

Expedited Shipping

If overnight shipping is required please contact us directly so that we can expedite your order. Overnight shipping is provided through UPS and will incur an additional charge

Custom Designs

Can't find what you need? We can design and produce a custom board to fit your exact needs. Please reach out to us for additional information and pricing.