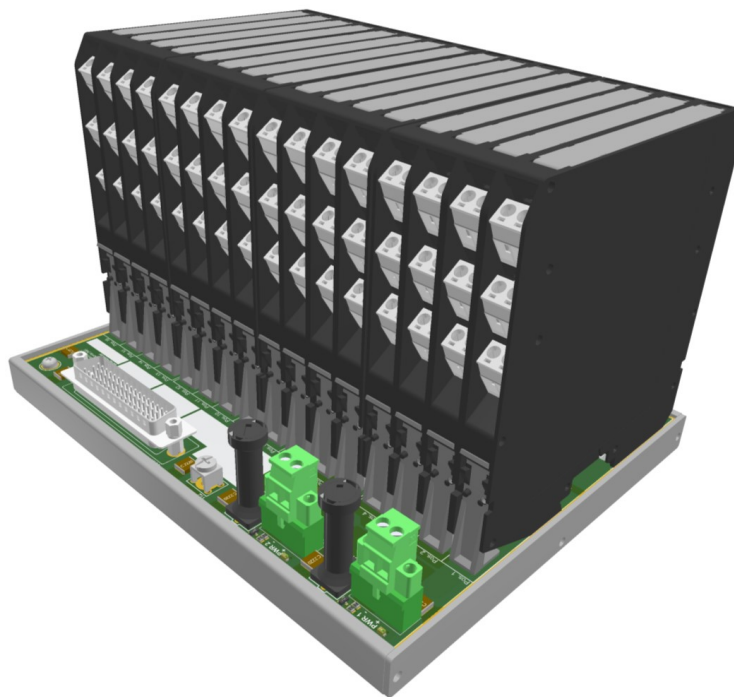


## Customized Termination Boards D5000/D6000 Series

# TRICON CX

These Termination Boards, with (TBE) or without (TB) metal enclosure, provide direct connection between the I/O Card of the system and D5000 / D6000 Series modules, which interface the field. Intrinsically Safe protection and signal isolation between Safe and Hazardous Area are provided by D5000 Series Associated Apparatus. 24 Vdc Power Supply of the TB is connected to two plug-in terminal blocks to enforce redundancy. Power supplies out of range and cumulative module fault can be monitored through a dedicated contact. Modules are supplied via Termination Board power bus. TB are provided with one universal mounting kit for wall and DIN-Rail, while TBE can be mounted on DIN-Rail with either plastic or metal clips, depending on the chosen accessory.



## TRICON CX

### IS Applications

#### Analog Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
3722X 3723X	32	TB-D5016-TRI-011 TBE-D5016-TRI-011	16	D5011S, D5014S, D5015SS, D5016SS, D5072S	1/2	4X00189-5xx (*1)	
3722X 3723X	32	TB-D5016-TRI-011 TBE-D5016-TRI-011	16	D5011D, D5014D, D5016DS, D5072D	1	4X00189-5xx (*1)	
3722X	32	TBE-D5001-TRI-001		5700 (*2)	1	4X00189-5xx (*1)	

(\*1) xx = Cable length in 10-foot increments: see "Triconex field Termination guide" for cable details and for LSZH or zero-degree alternatives

(\*2) The quantity of 5700 depends on the chosen architecture (see 5700 datasheet for details). Barriers are necessary to protect IS loops.

#### Analog Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
3809X 3809AX	16	TB-D5016-TRI-010 TBE-D5016-TRI-010	16	D5020S	1	4X00227-5xx (*1)	

(\*1) xx = Cable length in 10-foot increments: see "Triconex field Termination guide" for cable details and for LSZH or zero-degree alternatives

#### Digital Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
3506X	32	TB-D5016-TRI-012 TBE-D5016-TRI-012	16	D5031S, D5032S, D5037S, D5038SA, D5039SA	1/2	4X00226-3xx (*1)	
3506X	32	TB-D5016-TRI-012 TBE-D5016-TRI-012	16	D5031D, D5032D, D5037D, D5038DA, D5038XA, D5039DA, D5039XA	1	4X00226-3xx (*1)	

(\*1) xx = Cable length in 10-foot increments: see "Triconex field Termination guide" for cable details and for LSZH or zero-degree alternatives

#### Digital Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
3626X	32	TB-D5016-TRI-007 TBE-D5016-TRI-007	16	D5040S, D5048S, D5049S	1/2	4X00188-3xx (*1)	
3626X	32	TB-D5016-TRI-009 TBE-D5016-TRI-009	16	D5040D	1	4X00188-3xx (*1)	

(\*1) xx = Cable length in 10-foot increments: see "Triconex field Termination guide" for cable details and for LSZH or zero-degree alternatives

#### Universal

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
3902X 3902AX	16	TB-D5016-TRI-010 TBE-D5016-TRI-010	16	D5014S, D5015SK, D5016SK, D5020S, D5031S, D5032S, D5037S, D5038SB, D5039SB, D5049S, D5072S- 099	1	4X00224-3xx (*1)	

(\*1) xx = Cable length in 10-foot increments: see "Triconex field Termination guide" for cable details and for LSZH or zero-degree alternatives

## TRICON CX

### NON-IS Applications

#### Analog Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
3722X 3723X	32	TB-D5016-TRI-011 TBE-D5016-TRI-011	16	D6001S, D6004S, D6011S, D6014S, D6015SS, D6016SS, D6017SS, D6072S	1/2	4X00189-5xx (*1)	
3722X 3723X	32	TB-D5016-TRI-011 TBE-D5016-TRI-011	16	D6001D, D6011D, D6014D, D6016DS, D6072D	1	4X00189-5xx (*1)	
3722X	32	TBE-D5001-TRI-001		5700 (*2)	1	4X00189-5xx (*1)	

(\*1) xx = Cable length in 10-foot increments: see "Triconex field Termination guide" for cable details and for LSZH or zero-degree alternatives

(\*2) The quantity of 5700 depends on the chosen architecture (see 5700 datasheet for details).

#### Analog Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
3809X 3809AX	16	TB-D5016-TRI-010 TBE-D5016-TRI-010	16	D6001S, D6020S	1	4X00227-5xx (*1)	

(\*1) xx = Cable length in 10-foot increments: see "Triconex field Termination guide" for cable details and for LSZH or zero-degree alternatives

#### Digital Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
3506X	32	TB-D5016-TRI-012 TBE-D5016-TRI-012	16	D5093S, D6001S, D6031S, D6032S, D6037S, D6038SA, D6039SA	1/2	4X00226-3xx (*1)	
3506X	32	TB-D5016-TRI-012 TBE-D5016-TRI-012	16	D5093D, D6001D, D6031D, D6032D, D6037D, D6038DA, D6038XA, D6039DA, D6039XA	1	4X00226-3xx (*1)	

(\*1) xx = Cable length in 10-foot increments: see "Triconex field Termination guide" for cable details and for LSZH or zero-degree alternatives

#### Digital Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
3626X	32	TB-D5016-TRI-007 TBE-D5016-TRI-007	16	D5090S, D5091S, D5094S, D5095S, D5096S, D5096S- 100, D5097S, D5098S, D6001S	1/2	4X00188-3xx (*1)	
3626X	32	TB-D5016-TRI-009 TBE-D5016-TRI-009	16	D5098D, D6001D	1	4X00188-3xx (*1)	

(\*1) xx = Cable length in 10-foot increments: see "Triconex field Termination guide" for cable details and for LSZH or zero-degree alternatives

#### Universal

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
3902X 3902AX	16	TB-D5016-TRI-010 TBE-D5016-TRI-010	16	D5090S-102, D5091S-103, D5093S, D5094S-104, D5095S-105, D5096S-106, D5097S-107, D6001S, D6004S, D6014S, D6015SK, D6016SK, D6017SK, D6020S, D6031S, D6032S, D6037S, D6038SB, D6039SB, D6072S-099	1	4X00224-3xx (*1)	

(\*1) xx = Cable length in 10-foot increments: see "Triconex field Termination guide" for cable details and for LSZH or zero-degree alternatives