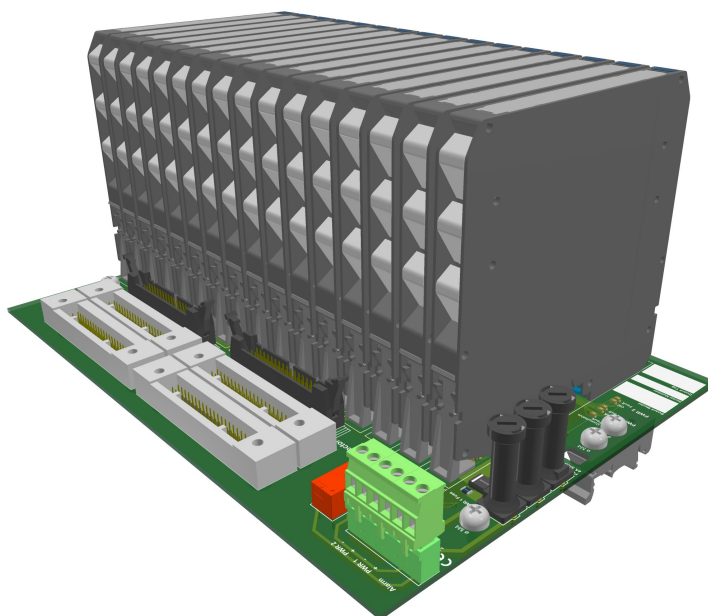


Customized Termination Boards D5000/D6000 Series

YOKOGAWA Systems

These Termination Boards (TB) 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.



Analog Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
SAI143	16	TB-D5016-YOK-006	16	D5011S, D5014S, D5015SS, D5016SS, D5072S	1+(1)*	CABF038	
SAI143	16	TB-D5016-YOK-006	16	D5011D, D5014D, D5016DS, D5072D	2+(2)*	CABF038	

(*) With possibility of I/O card redundancy

Analog Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
SAI533	8	TB-D5008-YOK-002	8	D5020S	1+(1)*	CABF038	

(*) With possibility of I/O card redundancy

Digital Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
SDV144	16	TB-D5016-YOK-008	16	D5031S, D5032S, D5037S, D5038SA, D5039SA	1+(1)*	CABF039	
SDV144	16	TB-D5016-YOK-008	16	D5031D, D5032D, D5037D, D5038DA, D5038XA, D5039DA, D5039XA	2+(2)*	CABF039	

(*) With possibility of I/O card redundancy

Digital Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
SDV531	8	TB-D5008-YOK-001	8	D5040S, D5048S, D5049S	1+(1)*	CABF039	
SDV541	16	TB-D5016-YOK-008	16	D5040S, D5048S, D5049S	1+(1)*	CABF039	
SDV541	16	TB-D5016-YOK-008	16	D5040D	2+(2)*	CABF039	

(*) With possibility of I/O card redundancy



Analog Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
SAI143	16	TB-D5016-YOK-006	16	D6001S, D6004S, D6011S, D6014S, D6015SS, D6016SS, D6017SS, D6072S	1+(1)*	CABF038	
SAI143	16	TB-D5016-YOK-006	16	D6001D, D6004D, D6011D, D6014D, D6016DS, D6072D	2+(2)*	CABF038	

(*) With possibility of I/O card redundancy

Analog Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
SAI533	8	TB-D5008-YOK-002	8	D6001S, D6020S	1+(1)*	CABF038	

(*) With possibility of I/O card redundancy

Digital Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
SDV144	16	TB-D5016-YOK-008	16	D5093S, D6001S, D6031S, D6032S, D6037S, D6038SA, D6039SA	1+(1)*	CABF039	
SDV144	16	TB-D5016-YOK-008	16	D5093D, D6001D, D6031D, D6032D, D6037D, D6038DA, D6038XA, D6039DA, D6039XA	2+(2)*	CABF039	

(*) With possibility of I/O card redundancy

Digital Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
SDV531	8	TB-D5008-YOK-001	8	D5090S, D5091S, D5094S, D5095S, D5096S-100, D5098S, D6001S	1+(1)*	CABF039	
SDV541	16	TB-D5016-YOK-008	16	D5090S, D5091S, D5094S, D5095S, D5096S-100, D5098S, D6001S	1+(1)*	CABF039	
SDV541	16	TB-D5016-YOK-008	16	D5098D, D6001D	2+(2)*	CABF039	
SDV541	16	TB-D5216-YOK-001	16	D5290S, D5290S/SA, D5290S-078, D5291S, D5293S, D5294S, D5295S	1+(1)*	CABF039	

(*) With possibility of I/O card redundancy

Analog Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
AAI141 AAI143	16	TB-D5016-YOK-001	16	D5011S, D5014S, D5015SS, D5016SS, D5072S	1+(1)*	CABF038	
AAI141 AAI143	16	TB-D5016-YOK-001	16	D5011D, D5014D, D5016DS, D5072D	2+(2)*	CABF038	
AAV141	16	TB-D5016-YOK-011	16	D5011S, D5014S, D5015SS, D5016SS, D5072S	1+(1)*	CABF038	
AAV141	16	TB-D5016-YOK-011	16	D5011D, D5014D, D5016DS, D5072D	2+(2)*	CABF038	

(*) With possibility of I/O card redundancy

Analog Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
AAI543	16	TB-D5016-YOK-002	16	D5020S	1+(1)*	CABF038	
AAI543	16	TB-D5016-YOK-002	16	D5020D	2+(2)*	CABF038	

(*) With possibility of I/O card redundancy

Analog Input + Analog Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
AAI841	16	TB-D5016-YOK-010	8AI+8AO	D5011S, D5014S, D5015SS, D5016SS, D5072S + D5020S	1+(1)*	CABF038	
AAI841	16	TB-D5016-YOK-010	8AI+8AO	D5011D, D5014D, D5016DS, D5072D + D5020D	2+(2)*	CABF038	

(*) With possibility of I/O card redundancy

Digital Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
ADV151	32	TB-D5016-YOK-004	16+16	D5031S, D5032S, D5037S, D5038SA, D5039SA	1+(1)*	CABF039	
ADV151	32	TB-D5016-YOK-003	16	D5031D, D5032D, D5037D, D5038DA, D5038XA, D5039DA, D5039XA	1+(1)*	CABF039	
ADV161	64	TB-D5016-YOK-004	16+16	D5031S, D5032S, D5037S, D5038SA, D5039SA	½+(½)*	CABF039	
ADV161	64	TB-D5016-YOK-003	16	D5031D, D5032D, D5037D, D5038DA, D5038XA, D5039DA, D5039XA	½+(½)*	CABF039	

(*) With possibility of I/O card redundancy

Digital Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
ADV551	32	TB-D5016-YOK-004	16+16	D5040S, D5048S, D5049S	1+(1)*	CABF039	
ADV551	32	TB-D5016-YOK-003	16	D5040D	1+(1)*	CABF039	
ADV561	64	TB-D5016-YOK-004	16+16	D5040S, D5048S, D5049S	½+(½)*	CABF039	
ADV561	64	TB-D5016-YOK-003	16	D5040D	½+(½)*	CABF039	

(*) With possibility of I/O card redundancy



Analog Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
AAI141 AAI143	16	TB-D5016-YOK-001	16	D6002S, D6011S, D6014S, D6015SS, D6016SS, D6017SS, D6072S	1+(1)*	CABF038	
AAI141 AAI143	16	TB-D5016-YOK-001	16	D6000D, D6011D, D6014D, D6016DS, D6072D	2+(2)*	CABF038	
AAV141	16	TB-D5016-YOK-011	16	D6002S, D6011S, D6014S, D6015SS, D6016SS, D6017SS, D6072S	1+(1)*	CABF038	
AAV141	16	TB-D5016-YOK-011	16	D6000D, D6011D, D6014D, D6016DS, D6072D	2+(2)*	CABF038	

(*) With possibility of I/O card redundancy

Analog Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
AAI543	16	TB-D5016-YOK-002	16	D6002S, D6020S	1+(1)*	CABF038	
AAI543	16	TB-D5016-YOK-002	16	D6000D, D6020D	2+(2)*	CABF038	

(*) With possibility of I/O card redundancy

Analog Input + Analog Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
AAI841	16	TB-D5016-YOK-010	8AI+8AO	D6002S, D6011S, D6014S, D6015SS, D6016SS, D6017SS, D6072S + D6002S, D6020S	1+(1)*	CABF038	
AAI841	16	TB-D5016-YOK-010	8AI+8AO	D6000D, D6011D, D6014D, D6016DS, D6072D + D6000D, D6020D	2+(2)*	CABF038	

(*) With possibility of I/O card redundancy

Digital Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
ADV151	32	TB-D5016-YOK-004	16+16	D5093S, D6002S, D6031S, D6032S, D6037S, D6038SA, D6039SA	1+(1)*	CABF039	
ADV151	32	TB-D5016-YOK-003	16	D5093D, D6000D, D6031D, D6032D, D6037D, D6038DA, D6038XA, D6039DA, D6039XA	1+(1)*	CABF039	
ADV161	64	TB-D5016-YOK-004	16+16	D5093S, D6002S, D6031S, D6032S, D6037S, D6038SA, D6039SA	½+(½)*	CABF039	
ADV161	64	TB-D5016-YOK-003	16	D5093D, D6000D, D6031D, D6032D, D6037D, D6038DA, D6038XA, D6039DA, D6039XA	½+(½)*	CABF039	

(*) With possibility of I/O card redundancy

Digital Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
ADV551	32	TB-D5016-YOK-004	16+16	D5090S, D5091S, D5094S, D5095S, D5096S, D5097S, D5098S, D6001S	1+(1)*	CABF039	
ADV551	32	TB-D5016-YOK-003	16	D5098D, D6001D	1+(1)*	CABF039	
ADV561	64	TB-D5016-YOK-004	16+16	D5090S, D5091S, D5094S, D5095S, D5096S, D5097S, D5098S, D6001S	½+(½)*	CABF039	



I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
ADV561	64	TB-D5016-YOK-003	16	D5098D, D6001D	1/2+(1/2)*	CABF039	

(*) With possibility of I/O card redundancy



Functional Safety Management Certification:

GM International is certified to conform to IEC61508:2010 part 1 clauses 5-6 for safety related systems up to and included SIL3. In addition, GM International products have been granted I.S. certificates from the most credited Notified Bodies in the world.

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