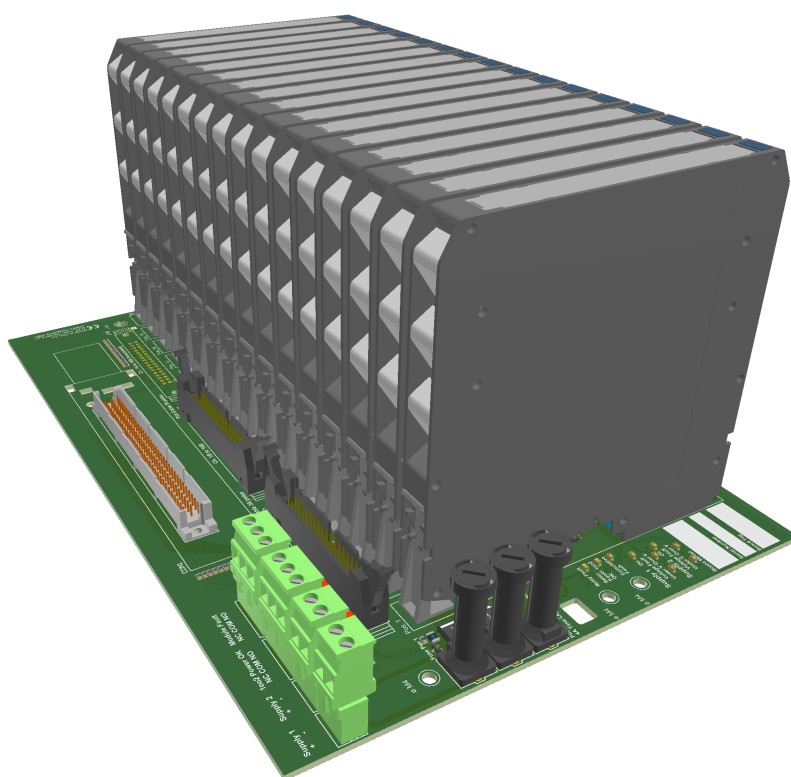


Customized Termination Boards D5000/D6000 Series

Hima HiMax

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.



Analog Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
X-AI 32 01 (X-CB 008 03 single X-CB 008 04 redundant)	32	TB-D5016-HIM-002	16+16	D5011S, D5014S, D5015SS, D5016SS, D5072S	1(+1)	HIMA Standard X-CA 005	
X-AI 32 01 (X-CB 008 03 single X-CB 008 04 redundant)	32	TB-D5016-HIM-001	16	D5011D, D5014D, D5016DS, D5072D	1(+1)	HIMA Standard X-CA 005	
X-AI 32 01 (X-CB 008 03 single X-CB 008 04 redundant)	32	TB-D5016-HIM-008	16+16	D5014D, D5016DS, D5072D	1(+1) +1(DCS)	HIMA Standard X-CA 005	Duplication

Analog Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
X-AO 16 01 (X-CB 014 03 single X-CB 014 04 redundant)	16	TB-D5016-HIM-003	16	D5020S	1(+1)	HIMA Standard X-CA 011	

Digital Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
X-DI 32 01 (X-CB 015 03 single X-CB 015 04 redundant)	32	TB-D5016-HIM-005	16+16	D5031S, D5032S, D5037S	1(+1)	HIMA Standard X-CA 001 or X-CA 015	
X-DI 32 01 (X-CB 015 03 single X-CB 015 04 redundant)	32	TB-D5016-HIM-004	16	D5031D, D5032D, D5037D	1(+1)	HIMA Standard X-CA 001 or X-CA 015	
X-DI 32 01 (X-CB 015 03 single X-CB 015 04 redundant)	32	TB-D5016-HIM-009	16+16	D5031D, D5032D	1(+1) +1(DCS)	HIMA Standard X-CA 001 or X-CA 015	Duplication
X-DI 32 02 (X-CB 005 03 single X-CB 005 04 redundant)	32	TB-D5016-HIM-013	16+16	D5034S, D5038SA, D5039SA	1(+1)	HIMA Standard X-CA 002	
X-DI 32 02 (X-CB 005 03 single X-CB 005 04 redundant)	32	TB-D5016-HIM-012	16	D5034D, D5038DA, D5038XA, D5039DA, D5039XA	1(+1)	HIMA Standard X-CA 002	

Digital Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
X-DO 32 01 (X-CB 009 03 single X-CB 009 04 redundant)	32	TB-D5016-HIM-007	16+16	D5040S, D5048S, D5049S	1(+1)	HIMA Standard X-CA 006	
X-DO 32 01 (X-CB 009 03 single X-CB 009 04 redundant)	32	TB-D5016-HIM-006	16	D5040D	1(+1)	HIMA Standard X-CA 006	

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
X-DO 24 01 (X-CB 009 03 single X-CB 009 04 redundant)	24	TB-D5016-HIM-011	16+16	D5040S, D5048S, D5049S	1(+1)	HIMA Standard X-CA 010	
X-DO 24 01 (X-CB 009 03 single X-CB 009 04 redundant)	24	TB-D5016-HIM-010	16	D5040D	1(+1)	HIMA Standard X-CA 010	


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.

Data specified in this document are merely descriptive of the products and should be integrated with relevant technical specifications. Our products are in constant development and the information presented herein refers to the time of document issue. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. Terms & Conditions can be found at our website. For more information refer to instruction manual.

Analog Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
X-AI 32 01 (X-CB 008 03 single X-CB 008 04 redundant)	32	TB-D5016-HIM-002	16+16	D6001S, D6004S, D6011S, D6014S, D6015SS, D6016SS, D6017SS, D6072S	1(+1)	HIMA Standard X-CA 005	
X-AI 32 01 (X-CB 008 03 single X-CB 008 04 redundant)	32	TB-D5016-HIM-001	16	D6001D, D6004D, D6011D, D6014D, D6016DS, D6072D	1(+1)	HIMA Standard X-CA 005	
X-AI 32 01 (X-CB 008 03 single X-CB 008 04 redundant)	32	TB-D5016-HIM-008	16+16	D6014D, D6016DS, D6072D	1(+1) +1(DCS)	HIMA Standard X-CA 005	Duplication

Analog Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
X-AO 16 01 (X-CB 014 03 single X-CB 014 04 redundant)	16	TB-D5016-HIM-003	16	D6001S, D6020S	1(+1)	HIMA Standard X-CA 011	

Digital Input

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
X-DI 32 01 (X-CB 015 03 single X-CB 015 04 redundant)	32	TB-D5016-HIM-005	16+16	D5093S, D6001S, D6031S, D6032S, D6037S	1(+1)	HIMA Standard X-CA 001	
X-DI 32 01 (X-CB 015 03 single X-CB 015 04 redundant)	32	TB-D5016-HIM-004	16	D5093D, D6001D, D6031D, D6032D, D6037D	1(+1)	HIMA Standard X-CA 001	
X-DI 32 01 (X-CB 015 03 single X-CB 015 04 redundant)	32	TB-D5016-HIM-009	16+16	D6031D, D6032D	1(+1) +1(DCS)	HIMA Standard X-CA 001	Duplication
X-DI 32 02 (X-CB 005 03 single X-CB 005 04 redundant)	32	TB-D5016-HIM-013	16+16	D6001S, D6034S, D6038SA, D6039SA	1(+1)	HIMA Standard X-CA 002	
X-DI 32 02 (X-CB 005 03 single X-CB 005 04 redundant)	32	TB-D5016-HIM-012	16	D6001D, D6034D, D6038DA, D6038XA, D6039DA, D6039XA	1(+1)	HIMA Standard X-CA 002	

Digital Output

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
X-DO 32 01 (X-CB 009 03 single X-CB 009 04 redundant)	32	TB-D5016-HIM-007	16+16	D5090S, D5091S, D5094S, D5095S, D5096S, D5097S, D5098S, D6001S, D6003S	1(+1)	HIMA Standard X-CA 006	
X-DO 32 01 (X-CB 009 03 single X-CB 009 04 redundant)	32	TB-D5016-HIM-006	16	D5098D, D6001D	1(+1)	HIMA Standard X-CA 006	

I/O Cards	Card Ch.	TB Model	TB Pos.	GMI Modules	Card Qty.	Cable	Notes
X-DO 24 01 (X-CB 009 03 single X-CB 009 04 redundant)	24	TB-D5016-HIM-011	16+16	D5090S, D5091S, D5094S, D5095S, D5096S, D5097S, D5098S, D6001S, D6003S	1(+1)	HIMA Standard X-CA 010	
X-DO 24 01 (X-CB 009 03 single X-CB 009 04 redundant)	24	TB-D5016-HIM-010	16	D5098D, D6001D	1(+1)	HIMA Standard X-CA 010	


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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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