

GMI: TECHNOLOGY PARTNER OF SCHNEIDER ELECTRIC

GM International is a Schneider Electric Certified Technology Partner. We are providing a comprehensive range of signal interface options for use with [Schneider Electric EcoStruxure™ Triconex Safety Systems](#).

GMI External Termination Panels used with GMI Pluggable Conditioning Modules and Tricon CX I/O Modules

GMI ETP Model	ETP DETAILS	Supported PCMs	I/O Module
TBE-D5016-TRI-012	SIL3, HazLoc, 16 PCMs	D6001S, D5031S, D5032S, D5037S, D5038SA, D5039SA, D5093S, D5038XA, D5039XA	3506X DI
TBE-D5016-TRI-007	SIL3, HazLoc, 16 PCMs	D6001S, D5040S, D5048S, D5049S, D5090S, D5091S, D5096S, D5097S, D5098S	3626X DO
TBE-D5016-TRI-011	SIL3, HazLoc, 16 PCMs	D5011S, D5014S, D5015SS, D5072S, D6001S, D6017SS	3722X AI, 3723X AI
TB-D5016-TRI-010	SIL3, HazLoc, 16 PCMs	D5020S, D6001S	3809X/AX AO
TB-D5016-TRI-010	SIL3, HazLoc, 16 PCMs	D6001S, D6004S, D5031S, D5032S, D5037S, D5093S, D5038SB, D5039SB, D5049S, D5090S-102, D5091S-103, D5096S-106, D5097S-107, D5014S, D5015SK, D6017SK, D5072S-099, D5020S	3902X/AX UIO

GMI Pluggable Conditioning Modules Used with Tricon CX I/O Modules

	GMI PCM Model	I/O Type	PCM Type	Details	Compatible I/O Modules
Pass-Through	D6001S	ANY	NIS ¹	SIL 3, Pass-Through, 2-Wire, 1 Channel	3506X, 3626X, 3722X, 3723X, 3809X/AX, 3902X/AX
	D6004S	ANY	NIS	SIL 3, Pass-Through, 2- or 3-Wire, 1 Channel, Power Terminals	3902X/AX
Digital Input (DI)	D5093S	DI	NIS	SIL 3, 24 to 220 VAC/VDC Switch, Transistor Out, 1 Channel	3506X, 3902X/AX
	D5031S	DI	IS ²	SIL 3, Switch/Proximity, Transistor Out, LFD ³ , 1 Channel	3506X, 3902X/AX
	D5032S	DI	IS	SIL 3, Switch/Proximity, Relay Out, LFD, 1 Channel	3506X, 3902X/AX
	D5037S	DI	IS	SIL 2, Switch/Proximity, Transistor Out, LFD, 1 Channel	3506X, 3902X/AX
	D5038SA D5038XA	SDI	IS	SIL 3, Switch/Proximity, Line Monitor Out, LFD, FM ⁴ , 1 Channel	3506X
	D5038SB	SDI	IS	SIL 3, Switch/Proximity, Line Monitor Out, LFD, FM ⁴ , 1 Channel	3902X/AX
	D5039SA D5039XA	SDI	IS	SIL 2, Switch/Proximity, Line Monitor Out, LFD, FM ⁴ , 1 Channel	3506X
	D5039SB	SDI	IS	SIL 2, Switch/Proximity, Line Monitor Out, LFD, FM ⁴ , 1 Channel	3902X/AX

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GMI Pluggable Conditioning Modules Used with Tricon CX I/O Modules

	GMI PCM Model	I/O Type	PCM Type	Details	Compatible I/O Modules
Digital Output (DO)	D5040S	DO	IS	SIL 3, Loop Powered, NE ⁵ Load, 1 Channel	3626X
	D5048S	SDO	IS	SIL 3, Loop Powered, NE ⁵ Load, LFD, FM, 1 Channel	3626X
	D5049S	SDO	IS	SIL 3, Bus Powered, NE ⁵ Load, LFD, FM, 1 Channel	3626X, 3902X/AX
Relay Output	D5090S ⁷	DO	NIS	SIL 3, Relay Output, NE Load, 1 Channel	3626X
	D5090S-102 ⁷	DO	NIS	SIL 3, Relay Output, NE Load, 1 Channel	3902X/AX
	D5091S ⁷	DO	NIS	SIL 3, Relay Output, ND ⁶ Load, 1 Channel	3626X
	D5091S-103 ⁷	DO	NIS	SIL 3, Relay Output, ND ⁶ Load, 1 Channel	3902X/AX
	D5096S ⁷	SDO	NIS	SIL 3, Relay Output, NO ⁸ Contact, NE or F&G ⁹ /ND Load, LFD, FM, 1 Channel	3626X
	D5096S-106 ⁷	SDO	NIS	SIL 3, Relay Output, NO ⁸ Contact, NE or F&G ⁹ /ND Load, LFD, FM, 1 Channel	3902X/AX
	D5097S ⁷	SDO	NIS	SIL 3, Relay Output, NC ¹⁰ Contact, NE or F&G/ND Load, LFD, FM, 1 Channel	3626X
	D5097S-107 ⁷	SDO	NIS	SIL 3, Relay Output, NC ¹⁰ Contact, NE or F&G/ND Load, LFD, FM, 1 Channel	3902X/AX
Analog Input (AI)	D5011S	AIH	IS	SIL 3, 2-Wire Passive, 4-20 mA, HART, 1 Channel	3722X, 3723X
	D5014S	AIH	IS	SIL 3, 2/4-Wire Active/Passive 4-20 mA, HART, 1 Channel	3722X, 3723X, 3902X/AX
	D5015SK	AIH	IS	SIL 2, 2/4-Wire Active/Passive, 4-20 mA, HART, 1 Channel	3902X/AX
	D5015SS	AIH	IS	SIL 2, 2/4-Wire Active/Passive, 4-20 mA, HART, 1 Channel	3722X, 3723X
	D5072S D5072S-099	AI	IS	SIL 2, TC/RTD, Temperature Converter 4-20 mA, 1 Channel	3722X, 3723X, 3902X/AX
	D6017SK	AIH	NIS	SIL 3, 3/4-Wire Active 4-20 mA, 200 mA Transmitter Power, HART, 1 Channel	3902X/AX
	D6017SS	AIH	NIS	SIL 3, 3/4-Wire Active 4-20 mA, 200 mA Transmitter Power, HART, 1 Channel	3722X, 3723X
Analog Output (AO)	D5020S	AOH	IS	SIL 2, 4-20 mA, HART, LFD, 1 Channel	3809X/AX, 3902X/AX

¹ NIS = not intrinsically safe

² IS = intrinsically safe

³ LFD = line and load fault detection

⁴ FM = fault mirroring

⁵ NE = normally energized

⁶ ND = normally de-energized

⁷ Operational field voltage of 22.3 to 32 VDC

⁸ NO = normally open

⁹ F&G = fire and gas

¹⁰ NC = normally closed

