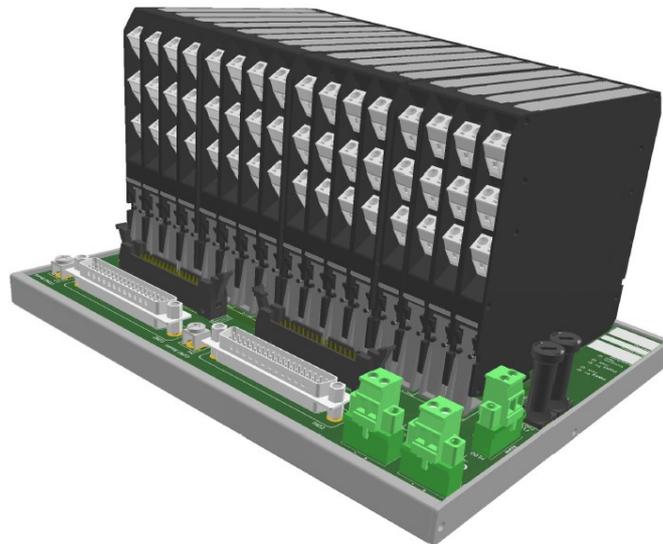


## Customized Termination Boards D5000/D6000 Series

# MODICON M580

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.



## MODICON M580

### IS Applications

#### Analog Input

| I/O Cards   | Card Ch. | TB Model                              | TB Pos. | GMI Modules                                 | Card Qty. | Cable          | Notes |
|-------------|----------|---------------------------------------|---------|---|-----------|----------------|-------|
| BMSXSAI0410 | 4        | TB-D5008-GMI-001<br>TBE-D5008-GMI-001 | 8       | D5011S, D5014S, D5015SS,<br>D5016SS, D5072S | 2         | CABF034/x (*1) |       |
| BMSXSAI0410 | 4        | TB-D5008-GMI-001<br>TBE-D5008-GMI-001 | 8       | D5011D, D5014D, D5016DS,<br>D5072D          | 4         | CABF034/x (*1) |       |

(\*1) x = Cable length of 5, 10, 20, and 30 m supported

#### Digital Input

| I/O Cards  | Card Ch. | TB Model                              | TB Pos. | GMI Modules  | Card Qty. | Cable          | Notes |
|------------|----------|---------------------------------------|---------|--|-----------|----------------|-------|
| BMXSDI1602 | 16       | TB-D5016-GMI-001<br>TBE-D5016-GMI-001 | 16      | D5031S, D5032S, D5037S,<br>D5038SD, D5039SD                      | 1         | CABF034/x (*1) |       |
| BMXSDI1602 | 16       | TB-D5016-GMI-001<br>TBE-D5016-GMI-001 | 16      | D5031D, D5032D, D5037D,<br>D5038DD, D5038XD,<br>D5039DD, D5039XD | 2         | CABF034/x (*1) |       |
| BMXSDI1602 | 16       | TB-D5008-GMI-001<br>TBE-D5008-GMI-001 | 8       | D5031D, D5032D, D5037D,<br>D5038DD, D5038XD,<br>D5039DD, D5039XD | 1         | CABF034/x (*1) |       |

(\*1) x = Cable length of 5, 10, 20, and 30 m supported

#### Digital Output

| I/O Cards  | Card Ch. | TB Model                              | TB Pos. | GMI Modules            | Card Qty. | Cable          | Notes |
|------------|----------|---------------------------------------|---------|------------------------|-----------|----------------|-------|
| BMXSDO0802 | 8        | TB-D5008-GMI-001<br>TBE-D5008-GMI-001 | 8       | D5040S, D5048S, D5049S | 1         | CABF034/x (*1) |       |
| BMXSDO0802 | 8        | TB-D5008-GMI-001<br>TBE-D5008-GMI-001 | 8       | D5040D                 | 2         | CABF034/x (*1) |       |

(\*1) x = Cable length of 5, 10, 20, and 30 m supported

**MODICON M580**  
NON-IS Applications

Analog Input

| I/O Cards   | Card Ch. | TB Model                              | TB Pos. | GMI Modules   | Card Qty. | Cable          | Notes |
|-------------|----------|---------------------------------------|---------|---|-----------|----------------|-------|
| BMSXSAI0410 | 4        | TB-D5008-GMI-001<br>TBE-D5008-GMI-001 | 8       | D6001S, D6004S, D6011S,<br>D6014S, D6015SS,<br>D6016SS, D6017SS, D6072S | 2         | CABF034/x (*1) |       |
| BMSXSAI0410 | 4        | TB-D5008-GMI-001<br>TBE-D5008-GMI-001 | 8       | D6001D, D6011D, D6014D,<br>D6016DS, D6072D                              | 4         | CABF034/x (*1) |       |

(\*1) x = Cable length of 5, 10, 20, and 30 m supported

Digital Input

| I/O Cards  | Card Ch. | TB Model                              | TB Pos. | GMI Modules   | Card Qty. | Cable          | Notes |
|------------|----------|---------------------------------------|---------|---|-----------|----------------|-------|
| BMXSDI1602 | 16       | TB-D5016-GMI-001<br>TBE-D5016-GMI-001 | 16      | D5093S, D6001S, D6031S,<br>D6032S, D6037S, D6038SD,<br>D6039SD                      | 1         | CABF034/x (*1) |       |
| BMXSDI1602 | 16       | TB-D5016-GMI-001<br>TBE-D5016-GMI-001 | 16      | D5093D, D6001D, D6031D,<br>D6032D, D6037D, D6038DD,<br>D6038XD, D6039DD,<br>D6039XD | 2         | CABF034/x (*1) |       |
| BMXSDI1602 | 16       | TB-D5008-GMI-001<br>TBE-D5008-GMI-001 | 8       | D5093D, D6001D, D6031D,<br>D6032D, D6037D, D6038DD,<br>D6038XD, D6039DD,<br>D6039XD | 1         | CABF034/x (*1) |       |

(\*1) x = Cable length of 5, 10, 20, and 30 m supported

Digital Output

| I/O Cards  | Card Ch. | TB Model                              | TB Pos. | GMI Modules  | Card Qty. | Cable          | Notes |
|------------|----------|---------------------------------------|---------|--|-----------|----------------|-------|
| BMXSDO0802 | 8        | TB-D5008-GMI-001<br>TBE-D5008-GMI-001 | 8       | D5090S, D5091S, D5094S,<br>D5095S, D5096S, D5096S-<br>100, D5097S, D5098S,<br>D6001S | 1         | CABF034/x (*1) |       |
| BMXSDO0802 | 8        | TB-D5008-GMI-001<br>TBE-D5008-GMI-001 | 8       | D5098D, D6001D   | 2         | CABF034/x (*1) |       |

(\*1) x = Cable length of 5, 10, 20, and 30 m supported