

## Pinout Table

| Termination board<br>field side |         |                 | Modules                        |                                      | Termination board<br>control side |
|---------------------------------|---------|-----------------|--------------------------------|--------------------------------------|-----------------------------------|
| Module                          | Channel | IS terminal TB1 | IS terminals SL2<br>field side | Non-IS terminals SL1<br>control side | System connector<br>X1            |
| 1                               | 1       | 1               | 5a                             | 8a                                   | 37                                |
|                                 |         | 2               | 5b                             |                                      |                                   |
|                                 |         | 3               | 1a                             | 7a, GND                              | 19, GND                           |
|                                 |         | 4               | 1b                             |                                      |                                   |
| 2                               | 2       | 5               | 5a                             | 8a                                   | 36                                |
|                                 |         | 6               | 5b                             |                                      |                                   |
|                                 |         | 7               | 1a                             | 7a, GND                              | 18, GND                           |
|                                 |         | 8               | 1b                             |                                      |                                   |
| 3                               | 3       | 9               | 5a                             | 8a                                   | 35                                |
|                                 |         | 10              | 5b                             |                                      |                                   |
|                                 |         | 11              | 1a                             | 7a, GND                              | 17, GND                           |
|                                 |         | 12              | 1b                             |                                      |                                   |
| 4                               | 4       | 13              | 5a                             | 8a                                   | 34                                |
|                                 |         | 14              | 5b                             |                                      |                                   |
|                                 |         | 15              | 1a                             | 7a, GND                              | 16, GND                           |
|                                 |         | 16              | 1b                             |                                      |                                   |
| 5                               | 5       | 17              | 5a                             | 8a                                   | 33                                |
|                                 |         | 18              | 5b                             |                                      |                                   |
|                                 |         | 19              | 1a                             | 7a, GND                              | 15, GND                           |
|                                 |         | 20              | 1b                             |                                      |                                   |
| 6                               | 6       | 21              | 5a                             | 8a                                   | 32                                |
|                                 |         | 22              | 5b                             |                                      |                                   |
|                                 |         | 23              | 1a                             | 7a, GND                              | 14, GND                           |
|                                 |         | 24              | 1b                             |                                      |                                   |
| 7                               | 7       | 25              | 5a                             | 8a                                   | 31                                |
|                                 |         | 26              | 5b                             |                                      |                                   |
|                                 |         | 27              | 1a                             | 7a, GND                              | 13, GND                           |
|                                 |         | 28              | 1b                             |                                      |                                   |
| 8                               | 8       | 29              | 5a                             | 8a                                   | 30                                |
|                                 |         | 30              | 5b                             |                                      |                                   |
|                                 |         | 31              | 1a                             | 7a, GND                              | 12, GND                           |
|                                 |         | 32              | 1b                             |                                      |                                   |

**Pinout Table**

| Termination board field side |         |                 | Modules                     |                                   | Termination board control side |
|------------------------------|---------|-----------------|-----------------------------|-----------------------------------|--------------------------------|
| Module                       | Channel | IS terminal TB2 | IS terminals SL2 field side | Non-IS terminals SL1 control side | System connector X1            |
| 9                            | 9       | 1               | 5a                          | 8a                                | 29                             |
|                              |         | 2               | 5b                          |                                   |                                |
|                              |         | 3               | 1a                          | 7a, GND                           | 11, GND                        |
|                              |         | 4               | 1b                          |                                   |                                |
| 10                           | 10      | 5               | 5a                          | 8a                                | 28                             |
|                              |         | 6               | 5b                          |                                   |                                |
|                              |         | 7               | 1a                          | 7a, GND                           | 10, GND                        |
|                              |         | 8               | 1b                          |                                   |                                |
| 11                           | 11      | 9               | 5a                          | 8a                                | 27                             |
|                              |         | 10              | 5b                          |                                   |                                |
|                              |         | 11              | 1a                          | 7a, GND                           | 9, GND                         |
|                              |         | 12              | 1b                          |                                   |                                |
| 12                           | 12      | 13              | 5a                          | 8a                                | 26                             |
|                              |         | 14              | 5b                          |                                   |                                |
|                              |         | 15              | 1a                          | 7a, GND                           | 8, GND                         |
|                              |         | 16              | 1b                          |                                   |                                |
| 13                           | 13      | 17              | 5a                          | 8a                                | 25                             |
|                              |         | 18              | 5b                          |                                   |                                |
|                              |         | 19              | 1a                          | 7a, GND                           | 7, GND                         |
|                              |         | 20              | 1b                          |                                   |                                |
| 14                           | 14      | 21              | 5a                          | 8a                                | 24                             |
|                              |         | 22              | 5b                          |                                   |                                |
|                              |         | 23              | 1a                          | 7a, GND                           | 6, GND                         |
|                              |         | 24              | 1b                          |                                   |                                |
| 15                           | 15      | 25              | 5a                          | 8a                                | 23                             |
|                              |         | 26              | 5b                          |                                   |                                |
|                              |         | 27              | 1a                          | 7a, GND                           | 5, GND                         |
|                              |         | 28              | 1b                          |                                   |                                |
| 16                           | 16      | 29              | 5a                          | 8a                                | 22                             |
|                              |         | 30              | 5b                          |                                   |                                |
|                              |         | 31              | 1a                          | 7a, GND                           | 4, GND                         |
|                              |         | 32              | 1b                          |                                   |                                |

| Terminal pinout | Connector | Pin | Signal name    |
|-----------------|-----------|-----|----------------|
| Power supply    | TB3       | 1   | Supply I -     |
|                 |           | 2   | Supply I +     |
|                 |           | 3   | Supply II -    |
|                 |           | 4   | Supply II +    |
| Fault           | TB4       | 1   | Board fault    |
|                 |           | 2   |                |
|                 |           | 3   | External fault |
|                 |           | 4   |                |

| Module pinout (SL1): module 1 ... 16 |    |
|--------------------------------------|----|
| Vcc                                  | 2a |
|                                      | 2b |
| GND                                  | 1a |
|                                      | 1b |
|                                      | 7a |
| Fault                                | 6b |



The typical circuit drawing has to be observed. For information see corresponding data sheet on [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).

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