

# FLX-D25F/16CH/AI/TDC3K - Termination board



2908885

<https://www.phoenixcontact.com/us/products/2908885>

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Migration board for converting TDC3000 to modern control platforms, analog input, 16 channel



## Your advantages

- Panel mount to existing TDC3000 chassis
- Compatible with existing pluggable field wiring connectors
- DSUB control side connection
- Terminal blocks for power supply

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2908885       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | C421          |
| Product key                          | DK2B8H        |
| GTIN                                 | 4055626477923 |
| Weight per piece (including packing) | 492 g         |
| Weight per piece (excluding packing) | 460 g         |
| Customs tariff number                | 85371098      |
| Country of origin                    | US            |

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## Technical data

### Product properties

|              |                  |
|--------------|------------------|
| Product type | Interface module |
|--------------|------------------|

### Insulation characteristics

|                      |    |
|----------------------|----|
| Overvoltage category | II |
| Pollution degree     | 2  |

### Electrical properties

|                      |          |
|----------------------|----------|
| Operating voltage    | 30 V DC  |
| Current (per branch) | ≤ 250 mA |

Supported controller: HONEYWELL TDC3000

|                   |        |
|-------------------|--------|
| Suitable I/O card | TAIH12 |
|                   | TAIH13 |

### Connection data

#### Controller level

|                       |                           |
|-----------------------|---------------------------|
| Connection method     | D-SUB-25 female connector |
| Number of connections | 2                         |
| Number of positions   | 25                        |

#### Field level

|                   |           |
|-------------------|-----------|
| Connection method | pluggable |
|-------------------|-----------|

### Dimensions

#### Item dimensions

|        |          |
|--------|----------|
| Width  | 307.3 mm |
| Height | 120.7 mm |
| Depth  | 38.3 mm  |

### Environmental and real-life conditions

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -40 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 75 °C |
| Altitude                                | < 2000 m         |
| Permissible humidity (operation)        | < 90 %           |

### Mounting

|                   |     |
|-------------------|-----|
| Mounting position | any |
|-------------------|-----|

### Notes

|                    |   |
|--------------------|---|
| Notes on operation | For proper use, the specifications of the installation directive (see |
|--------------------|---|

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Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

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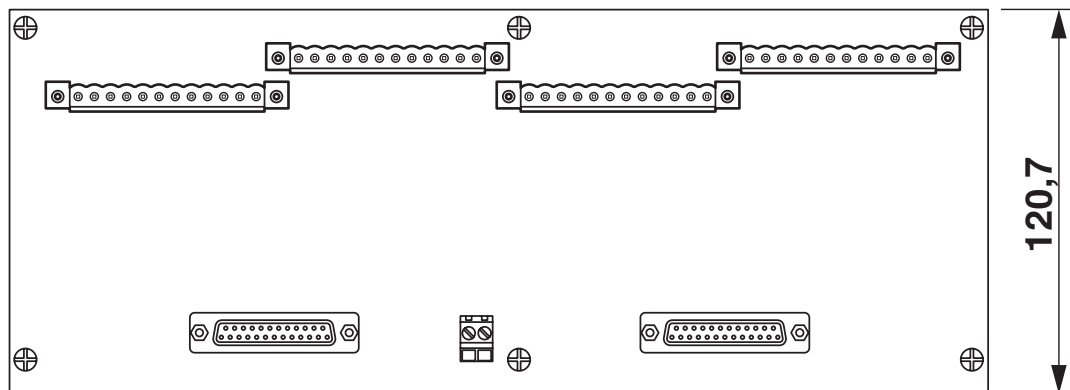
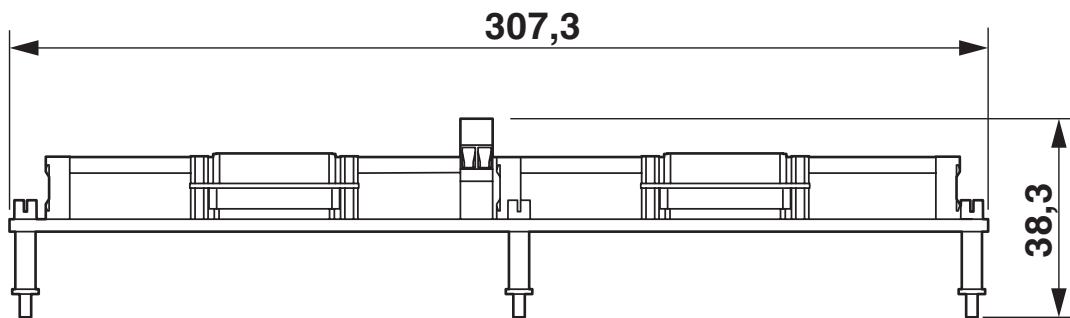


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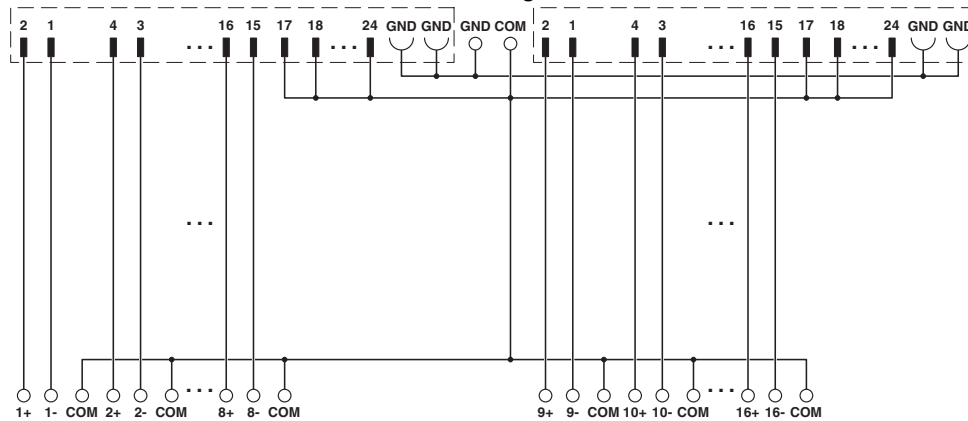
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## Drawings

Dimensional drawing



Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2908885>

|  <b>CSA</b><br>Approval ID: 108860_0_000 |                       |                       |                   |                             |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
|   | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine   | -                     | 0.25 A                | -                 | -                           |

|  <b>cUL Recognized</b><br>Approval ID: FILE E 238705 |                       |                       |                   |                             |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
|   | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine   | -                     | 0.25 A                | -                 | -                           |

|  <b>UL Recognized</b><br>Approval ID: FILE E 238705 |                       |                       |                   |                             |
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| keine  | -                     | 0.25 A                | -                 | -                           |

|  <b>CSAus</b><br>Approval ID: 108860_0_000 |                       |                       |                   |                             |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
|   | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine   | -                     | 0.25 A                | -                 | -                           |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27141152 |
| ECLASS-15.0 | 27141152 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002780 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |      |
|---|------|
| Fulfills EU RoHS substance requirements | Yes  |
| Exemption                               | 6(c) |

### China RoHS

|  |   |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50   |
|  | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

### EU REACH SVHC

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1)                 |
| SCIP                                | 2f567388-881c-485b-bdc9-9262c66082c3 |

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