

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



1050543

<https://www.phoenixcontact.com/us/products/1050543>

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

## Your advantages

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

## Commercial data

Item number	1050543
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C421
Product key	DK2B8H
GTIN	4055626666167
Weight per piece (including packing)	389.4 g
Weight per piece (excluding packing)	360 g
Customs tariff number	85371098
Country of origin	US

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## Technical data

### Product properties

Product type	Interface module
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### Insulation characteristics

Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage $U_{max}$ (DC)	≤ 30 V DC (Power supply)
Current (per branch)	≤ 250 mA (fuse limited)
Current (Voltage supply)	≤ 5 A (fuse limited)

Supported controller: HONEYWELL TDC3000

Suitable I/O card	TAIH01
	TAIH02
	TAIH03

### Connection data

#### Controller level

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

#### Field level

Connection method	pluggable
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### Dimensions

#### Item dimensions

Width	152.4 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
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## Notes

Notes on operation

For proper use, the specifications of the installation directive (see 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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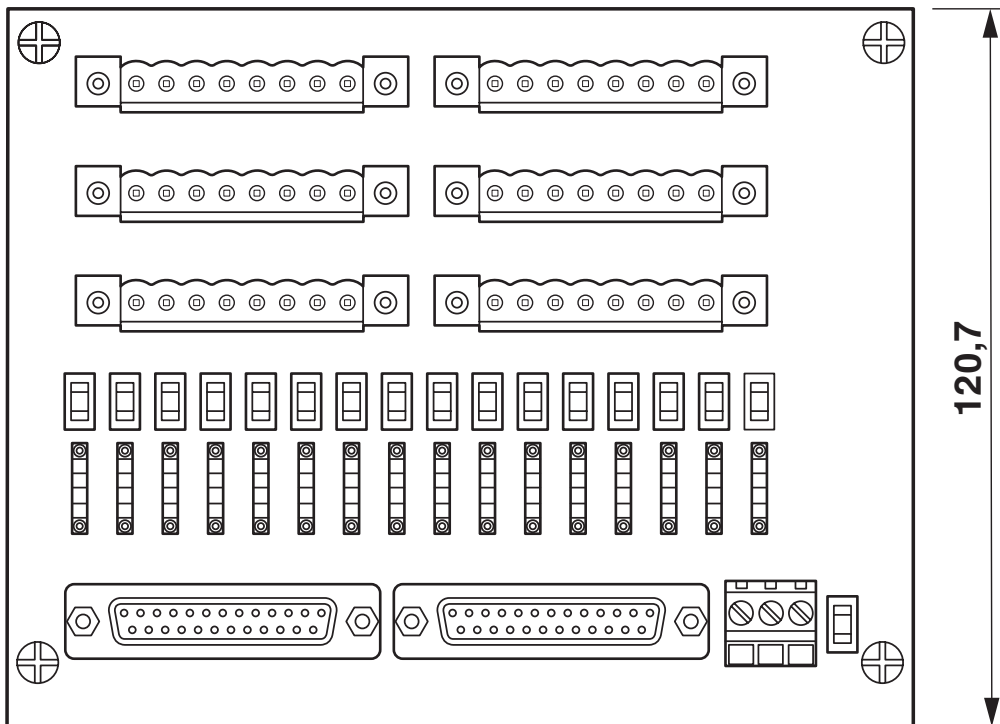
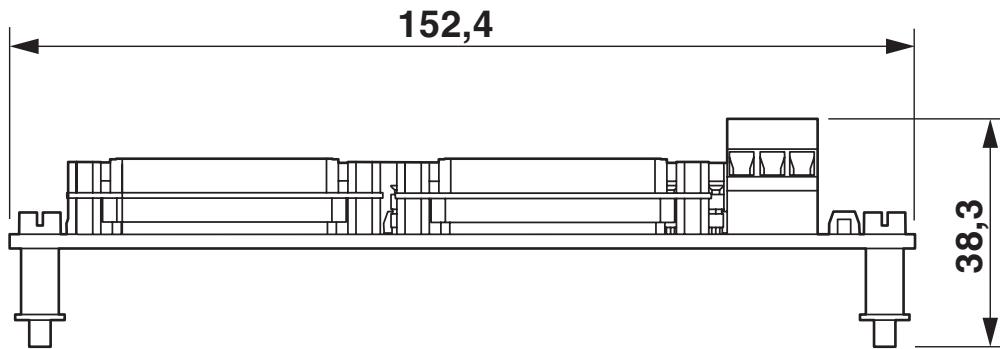


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## Drawings

Dimensional drawing



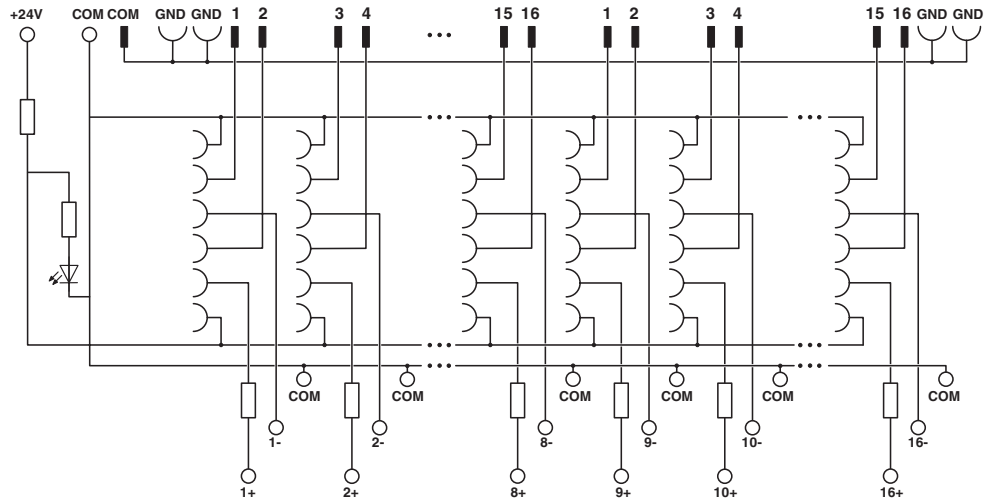
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Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1050543>

 <b>CSA</b> Approval ID: 108860_0_000				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine				
Power	-	5 A	-	-
Signal	-	0.25 A	-	-
Output	-	0.25 A	-	-

 <b>cUL Recognized</b> Approval ID: FILE E 238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine				
Power	-	5 A	-	-
Signal	-	0.25 A	-	-
Output	-	0.25 A	-	-

 <b>UL Recognized</b> Approval ID: FILE E 238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
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Power	-	5 A	-	-
Signal	-	0.25 A	-	-
Output	-	0.25 A	-	-

 <b>CSAus</b> Approval ID: 108860_0_000				
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## Classifications

### ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

### ETIM

ETIM 10.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 7(c)-I

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	bf17f172-1703-4c7b-ac8b-2b3e14edfe0e

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