

FLX-D37F/32CH/DI/TDC3K - Interface module



2908889

<https://www.phoenixcontact.com/us/products/2908889>

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Migration board for converting TDC3000 to modern control platforms, digital input, 32 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	2908889
Packing unit	1 pc
Sales key	C421
Product key	CK21A3
GTIN	4055626733067
Weight per piece (including packing)	577.5 g
Weight per piece (excluding packing)	550 g
Customs tariff number	85176200
Country of origin	US

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Technical data

Notes

General	For proper use, the specifications of the installation directive (see Downloads) must be observed.
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Product properties

Product type	Interface module
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Insulation characteristics

Overvoltage category	II
Pollution degree	2

Electrical properties

Max. operating voltage U_{max}	30 V DC (Power supply)
Operating voltage	30 V DC
Max. current carrying capacity per branch	500 mA
Maximum power voltage feed	5 A (fuse limited)

Supported controller HONEYWELL TDC3000

Suitable I/O card	TDIY22
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Connection data

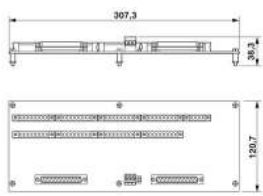
Controller level

Connection method	D-SUB 37 female connector
Number of connections	2
Number of positions	37

Field level

Connection method	pluggable
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Dimensions

Dimensional drawing	
Width	307.3 mm
Height	120.7 mm
Depth	38.3 mm

Environmental and real-life conditions

Ambient conditions

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2908889

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

Mounting

Mounting type	TDC3000 chassis
Mounting position	any

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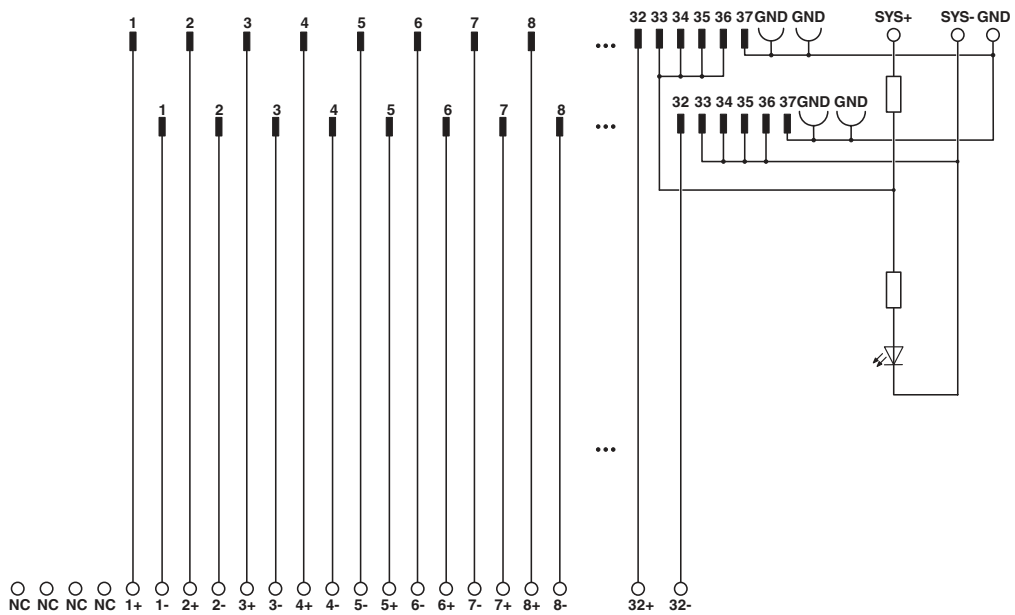


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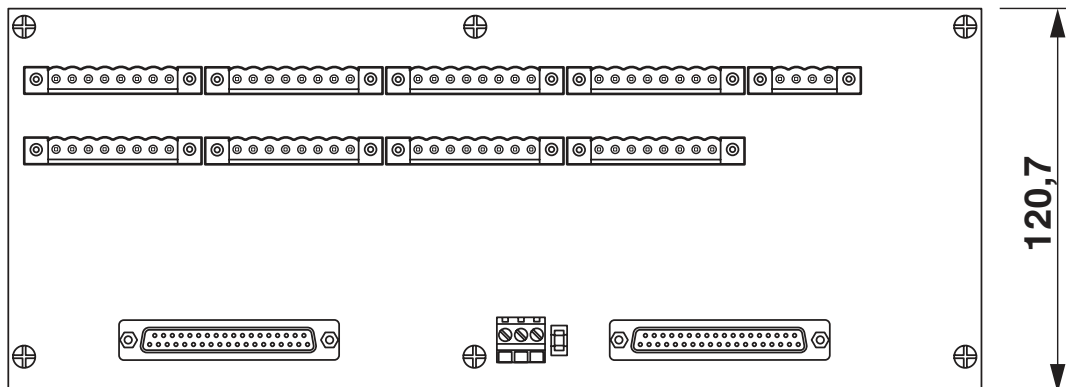
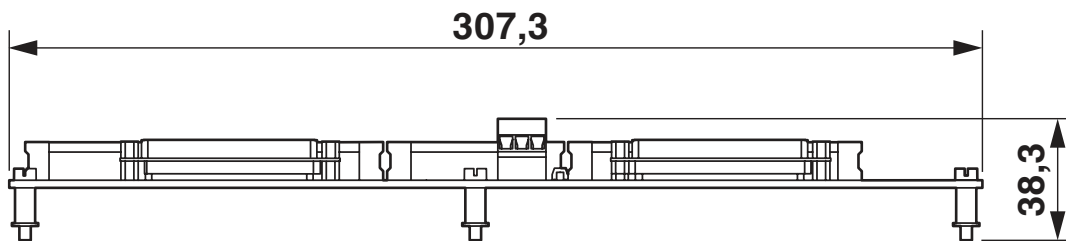
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Drawings

Circuit diagram



Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2908889>

 CSA Approval ID: 108860_0_000				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Power	-	5 A	-	-
Signal	-	0.5 A	-	-

 cUL Recognized Approval ID: FILE E 238705				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Power	-	5 A	-	-
Signal	-	0.5 A	-	-

 UL Recognized Approval ID: FILE E 238705				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Power	-	5 A	-	-
Signal	-	0.5 A	-	-

 CSAus Approval ID: 108860_0_000				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Power	-	5 A	-	-
Signal	-	0.5 A	-	-

cULus Recognized				
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cCSAus				
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Classifications

ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

ETIM

ETIM 8.0	EC002780
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

REACH SVHC

Lead 7439-92-1

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Accessories

FLX-D37M/SHORTING PLUG - Plug-in bridge

1029334

<https://www.phoenixcontact.com/us/products/1029334>

Shorting plug for use in the TDC3000 migration boards



CAB-DSUB37M/OE/22/S/ 1M - Cable

2909622

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Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 37-position); cable length: 1 m

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CAB-DSUB37M/OE/22/S/ 3M - Cable

2909623

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Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 37-position); cable length: 3 m

CAB-DSUB37M/OE/22/S/ 5M - Cable

2909624

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Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 37-position); cable length: 5 m

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CAB-DSUB37M/OE/22/S/10M - Cable

2909625

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Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 37-position); cable length: 10 m

CAB-DSUB37M/OE/22/S/15M - Cable

2909626

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Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 37-position); cable length: 15 m

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CAB-DSUB37M/OE/22/S/30M - Cable

2909627

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Assembled shielded round cable; connection 1: Single wires (37-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 37-position); cable length: 30 m

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