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FLX-D37F/32OSC/24DC/DI/TDC3K - Active module

2908888

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Migration board for converting TDC3000 to modern control platforms, digital input, 32 channel, SSR

Your advantages

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

Commercial data

Item number	2908888
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CK2B9H
Product key	CK2B9H
GTIN	4055626733050
Weight per piece (including packing)	1,837.5 g
Weight per piece (excluding packing)	1,750 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

Supported controller HONEYWELL TDC3000

Suitable I/O card	TDID12

Input data

Nominal input voltage U_N	24 V DC
Input voltage range	10 V DC ... 32 V DC
Typical input current at U_N	20 mA

Output data

Switching

Maximum switching voltage	30 V DC
Limiting continuous current	50 mA
Error detection (line break / short-circuit)	no

Connection data

Controller level

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

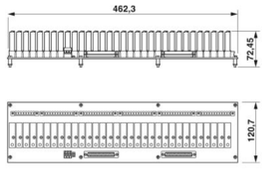
Field level

Connection method	pluggable

Signaling

Status display present	Yes

Dimensions

Dimensional drawing	

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Width	462.3 mm
Height	120.7 mm
Depth	72.45 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 type	TDC3000 chassis
Mounting position	any

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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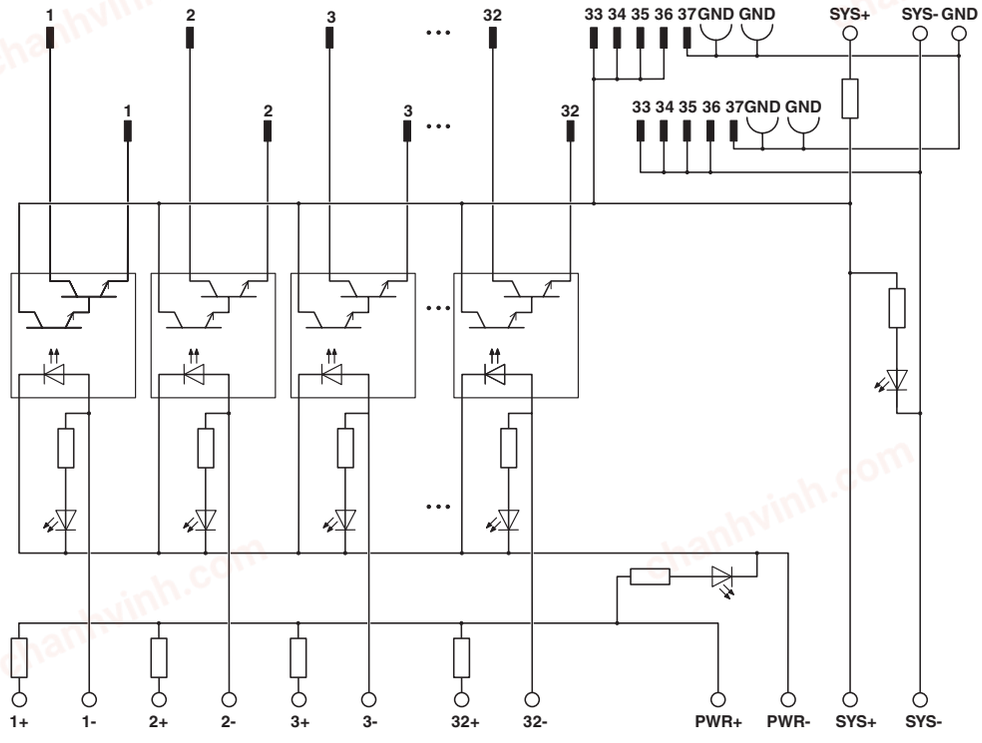
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Drawings

Circuit diagram



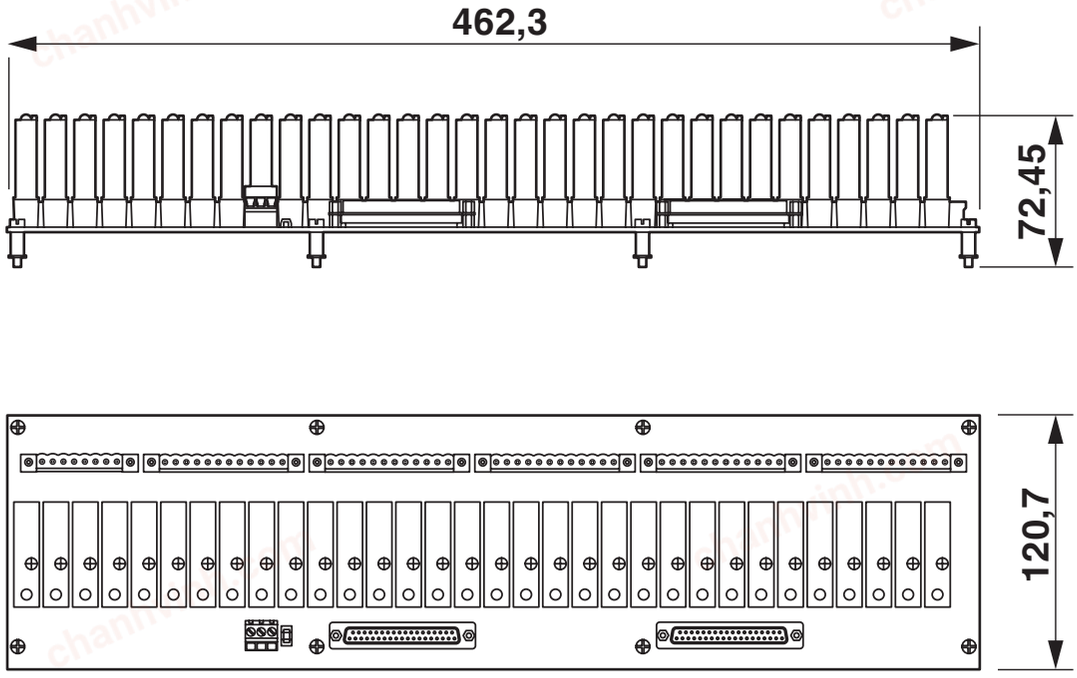
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Dimensional drawing



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/2908888

cUL Recognized
Approval ID: FILE E 238705

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Output	-	0.05 A	-	-
Input	-	0.025 A	-	-

UL Recognized
Approval ID: FILE E 238705

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Output	-	0.05 A	-	-
Input	-	0.025 A	-	-

cULus Recognized

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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002780

UNSPSC

UNSPSC 21.0	39121400

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Environmental product compliance

EU RoHS

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

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)

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Accessories

FLX-D37M/SHORTING PLUG - Plug-in bridge

1029334

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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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FLX-D37F/32OSC/24DC/DI/TDC3K - Active module

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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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FLX-D37F/32OSC/24DC/DI/TDC3K - Active module

2908888

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

2909627

https://www.phoenixcontact.com/gb/products/2909627



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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