FLX-D37F/16OSC/24DC/DO/TDC3K - Active module

2908890

https://www.phoenixcontact.com/us/products/2908890

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Migration board for converting TDC3000 to modern control platforms, digital output, 16 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
- Per channel fusing
- LED blown fuse indication

Commercial data

Item number	2908890
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C421
Product key	DK2B9H
GTIN	4055626733074
Weight per piece (including packing)	1,018.9 g
Weight per piece (excluding packing)	1,000 g
Customs tariff number	85371098
Country of origin	US

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	TDOD11
	TDOD12
	TDOD13

Input data

Nominal input voltage U_N	24 V DC
Input voltage range	19.5 V DC ... 32 V DC
Typical input current at U_N	18 mA
Typical response time	100 µs
Typical release time	750 µs

Output data

Switching

Maximum switching voltage	60 V DC
Limiting continuous current	1.25 A
Error detection (line break / short-circuit)	no

Connection data

Controller level

Connection method	D-SUB 37 female connector
Number of connections	1
Number of positions	37

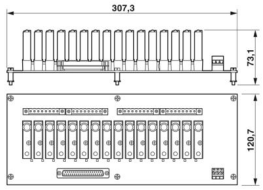
Field level

Connection method	pluggable

Signaling

Status display present	yes

Dimensions

Dimensional drawing	
Width	307.3 mm
Height	120.7 mm
Depth	73.1 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

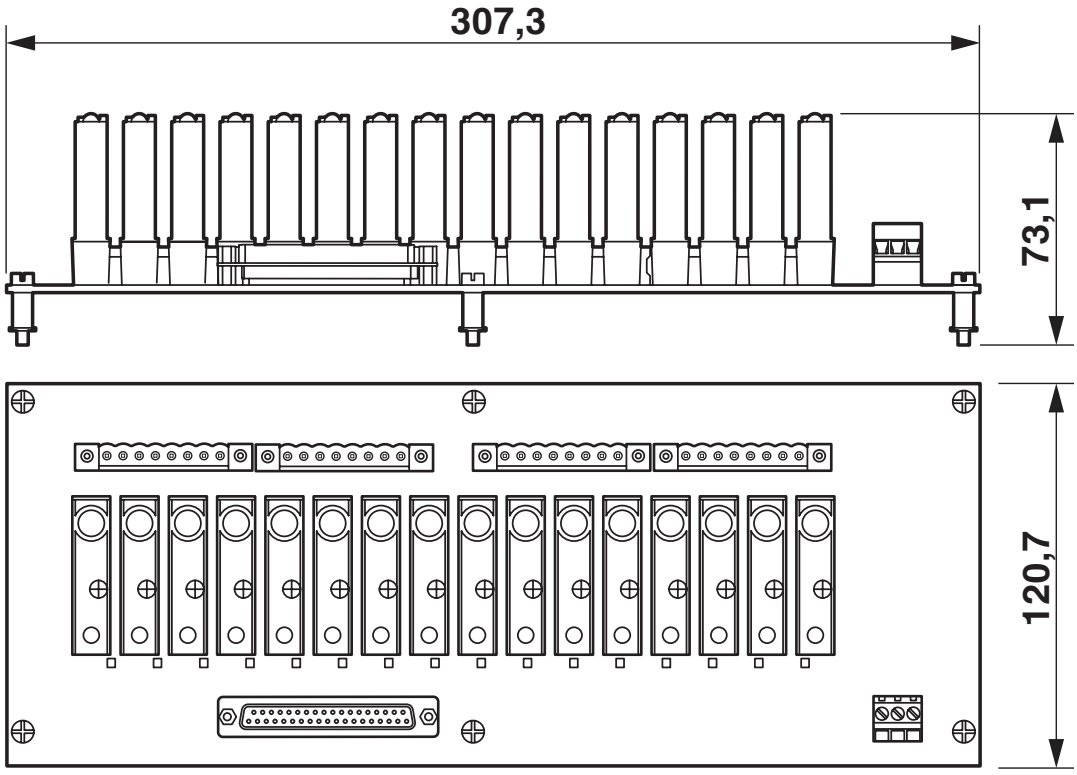
Mounting type	TDC3000 chassis
Mounting position	any

Notes

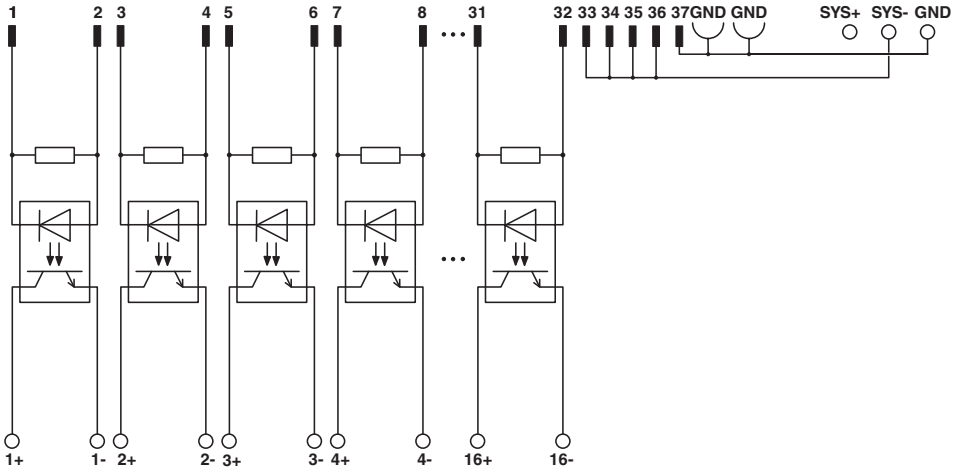
Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.

Drawings

Dimensional drawing



Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2908890

CSA
Approval ID: 108860_0_000

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
Output	-	2 A	-	-
Input	-	0.018 A	-	-
Observe derating	-	1.25 A	-	-

cUL Recognized
Approval ID: FILE E 238705

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
Output	-	1.25 A	-	-
Input	-	0.018 A	-	-
Observe derating	-	2 A	-	-

UL Recognized
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CSAus
Approval ID: 108860_0_000

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Classifications

ECLASS

ECLASS-13.0	27141152
ECLASS-15.0	27141152

ETIM

ETIM 10.0	EC002780

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	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)
SCIP	437e09b4-05d6-4e1e-842f-abb39c66b7da

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