

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
- · Compatable 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	CK2B8H
GTIN	4055626666167
Weight per piece (including packing)	378 g
Weight per piece (excluding packing)	360 g
Customs tariff number	85176200
Country of origin	US



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Technical data

Product properties

Product type	Interface module
Data management status	
Article revision	01
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	250 mA (fuse limited)	
Maximum power voltage feed	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

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 %



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Mounting

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.

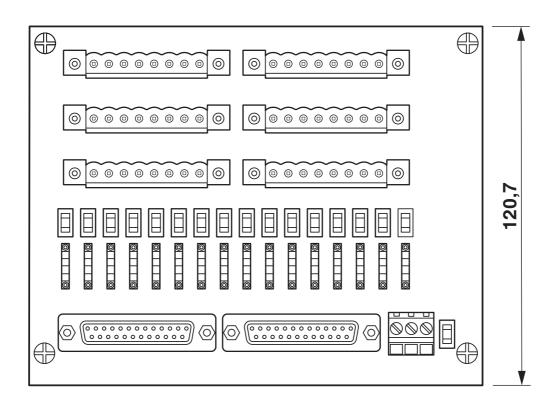


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Drawings

152,4

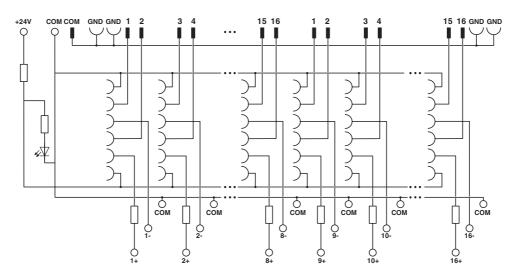




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Circuit diagram





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Approvals

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

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	-	0.25 A	-	-
Output	-	0.25 A	-	-

cUL Recogni Approval ID: FILE	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	-	0.25 A	-	-
Output	-	0.25 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	-	0.25 A	-	-
Output	-	0.25 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	-	0.25 A	-	-
Output	-	0.25 A	-	-

cULus Recognized

cCSAus



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Classifications

ECLASS

	ECLASS-11.0	27141152		
	ECLASS-12.0	27141152		
	ECLASS-13.0	27141152		
ET	ETIM			
	ETIM 9.0	EC002780		
UN	NSPSC			

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)-l
EU REACH SVHC	
DEACH condidate substance (CAC No.)	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)



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Accessories

CAB-DSUB25M/OE/22/S/ 1M - Cable

2909752

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 1 m

CAB-DSUB25M/OE/22/S/3M - Cable

2909753

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 3 m



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CAB-DSUB25M/OE/22/S/5M - Cable

2909754

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: $5\ m$

CAB-DSUB25M/OE/22/S/10M - Cable

2909755

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 10 m



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CAB-DSUB25M/OE/22/S/15M - Cable

2909757

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 15 m

CAB-DSUB25M/OE/22/S/30M - Cable

2909758

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 30 m



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CAB-DSUB25M/OE/18/S/ 1M - Cable

2909759

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 1 m

CAB-DSUB25M/OE/18/S/3M - Cable

2909760

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 3 m



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CAB-DSUB25M/OE/18/S/5M - Cable

2909761

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 5 m

CAB-DSUB25M/OE/18/S/10M - Cable

2909762

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 10 m



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CAB-DSUB25M/OE/18/S/15M - Cable

2909763

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: $15\ m$

CAB-DSUB25M/OE/18/S/30M - Cable

2909764

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Assembled shielded round cable; connection 1: Single wires (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 30 m



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CAB-DSUB25M/OE/22/TP/S/ 1M - Cable

2909606

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Assembled shielded round cable; connection 1: Twisted pair (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 1 m

CAB-DSUB25M/OE/22/TP/S/ 3M - Cable

2909607

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Assembled shielded round cable; connection 1: Twisted pair (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 3 m



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CAB-DSUB25M/OE/22/TP/S/ 5M - Cable

2909608

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Assembled shielded round cable; connection 1: Twisted pair (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 5 m

CAB-DSUB25M/OE/22/TP/S/10M - Cable

2909609

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Assembled shielded round cable; connection 1: Twisted pair (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 10 m



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CAB-DSUB25M/OE/22/TP/S/15M - Cable

2909610

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Assembled shielded round cable; connection 1: Twisted pair (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 15 m

CAB-DSUB25M/OE/22/TP/S/30M - Cable

2909611

https://www.phoenixcontact.com/us/products/2909611



Assembled shielded round cable; connection 1: Twisted pair (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 30 m

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