VIP/MSTB/D50M/BASE/16CH/CX/EX - Base module

2908788

https://www.phoenixcontact.com/us/products/2908788

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16-channel VIP I/O-Marshalling termination board for universal use. Plug-in field and supply terminals available as accessories. With Push-in connection technology. Compatible with the Tricon CX DCS series (D-SUB 50).

Your advantages

- Integrated carrier for IOA insertion and retention
- Screw and push-in (PT) plug kits available as separate part numbers
- Terminals for redundant power supply connections with fusing
- Each channel has four field-side connections (A, B, C, D)
- IOA modules sold separately

Commercial data

Item number	2908788
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C480
Product key	DK115A
GTIN	4055626477992
Weight per piece (including packing)	755.5 g
Weight per piece (excluding packing)	730.7 g
Customs tariff number	85366990
Country of origin	CN

Technical data

Product properties

Product type	Module carrier
Product family	VIP I/O-Marshalling
No. of channels	16

Insulation characteristics

Overvoltage category	II, III
Pollution degree	2

Electrical properties

Current (per branch)	≤ 3 A (field signal)
	≤ 0.5 A (control contacts)
Current (Terminal block A and B)	3 A
Current (Total current of all channels)	10 A
Rated insulation voltage	≤ 30 V AC/DC

Connection data

Field level

Connection method	PCB header
Number of connections	4
Number of positions	16

Controller level

Connection method	D-SUB pin strip
Number of connections	1
Number of positions	50
Tightening torque	0.3 Nm ... 0.34 Nm

Supply

Connection method	PCB header
Number of connections	2
Number of positions	2

Shield

Connection method	PCB header
Number of connections	2
Number of positions	2

Signaling

Status display	no

Dimensions

Item dimensions

Width	250 mm
Height	142.3 mm
Depth	78 mm

Material specifications

Color	gray (RAL 7042)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	≤ 2000 m
Permissible humidity (operation)	0 % ... 95 % (non-condensing)

Approvals

ATEX

Identification	Ⓔx II 3G Ex ec IIC T4 Gc
Certificate	JSHP 24ATEX0051X

IECEx

Identification	Ex ec IIC T4 Gc
Certificate	IECEx JSH 24.0014X

UKEX

Identification	Ⓔx II 3G Ex ec IIC T4 Gc
Certificate	PxCIF23UKEX2908788X

CCC/China Ex

Identification	Ex ec IIC T4 Gc
Certificate	2025122308124416

CSA, USA/Canada

Identification	Class I, Div. 2 Groups A, B, C, D T4
	Class I, Zone 2, AEx nA IIC T4 Gc
	Ex nA IIC T4 Gc

Standards and regulations

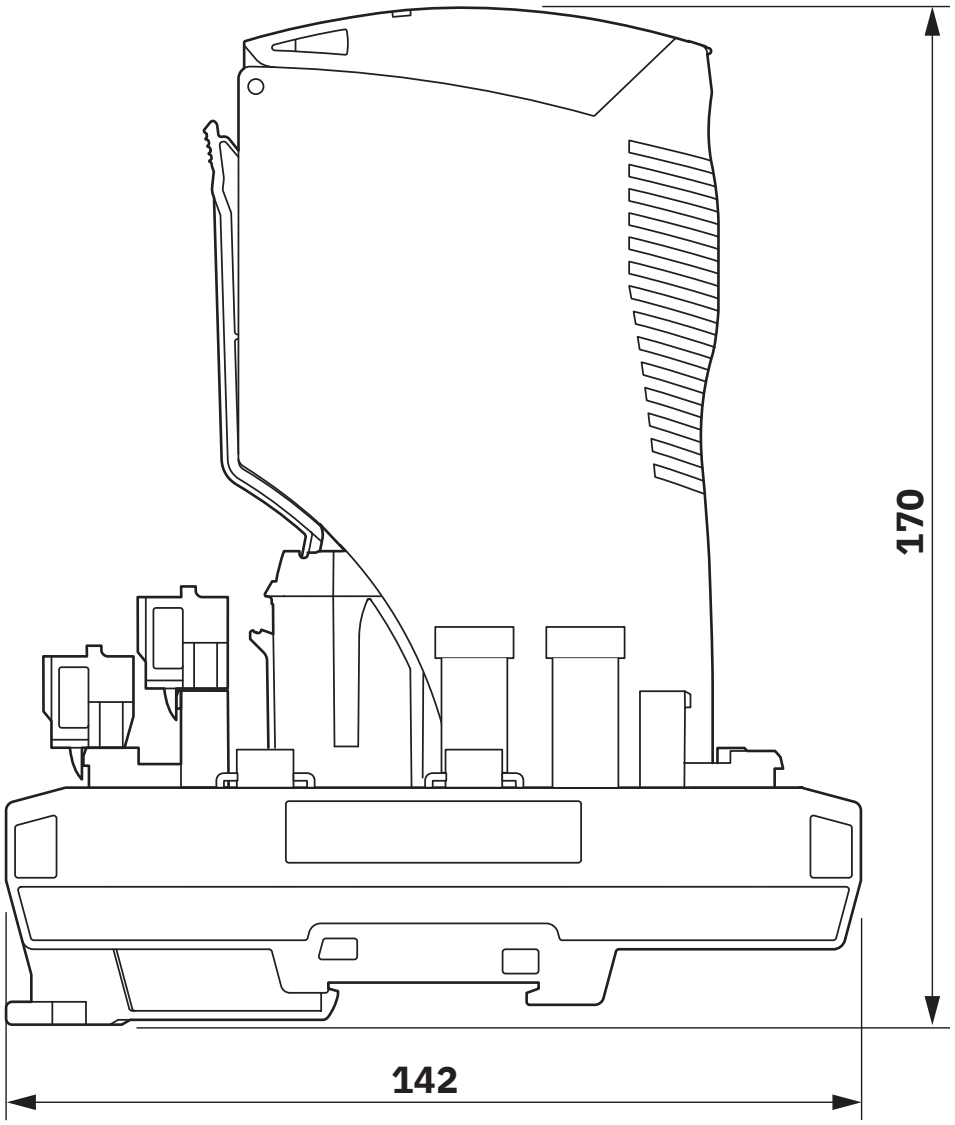
Standards/regulations	IEC 60664
	DIN EN 50178

Mounting

Mounting type	DIN rail mounting
Mounting position	As desired on 35 mm DIN rail in acc. with EN 60715

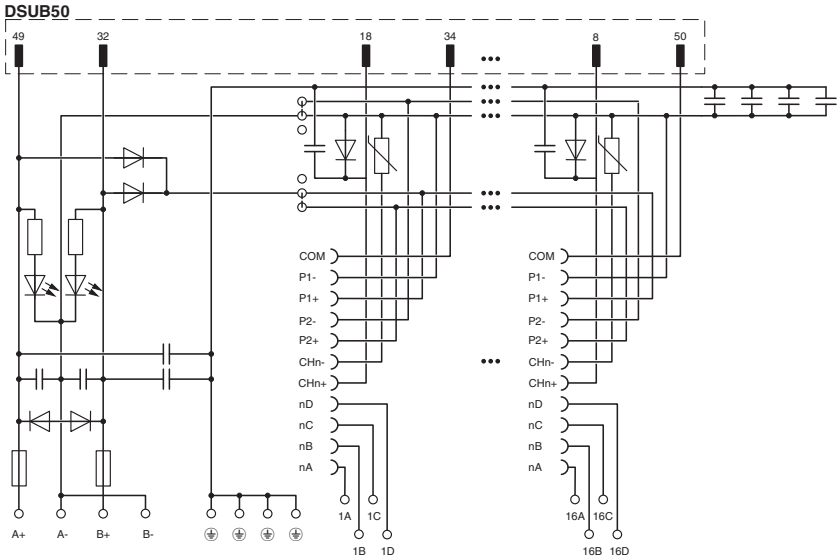
Drawings

Dimensional drawing



Termination board including IOA and accessories

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2908788

IECEx
Approval ID: IECEx JSH 24.0014X

CSA
Approval ID: 70167152

CSAus
Approval ID: 70167152

ATEX
Approval ID: JSHP 24ATEX 0051X

CCC
Approval ID: 2025122308124416

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	9094823a-fcc5-4004-b761-5a5bb4b29c28

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https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com