Base module - VIP/S/D25M/BASE 1-8/L/EX - 2906595

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VIP base module with input/output accessories (IOA) provide universal channel configuration. This module with the D-SUB 25 connector is pin compatable to the Foxboro I/A series DCS.

Why buy this product

- Integrated carrier for IOA insertion and retention
- Screw-clamp field connections
- Terminals for discrete wiring or cable connection
- Three isolated power bus options
- Each channel has four connections (A, B, C, D) and multiple shield options
- Channels for marking accessories
- Integrated DIN rail ground foot
- Rugged metal DIN rail foot for ease of installation or removal from the rail

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	4 055626 184609
GTIN	4055626184609
Weight per Piece (excluding packing)	413.400 g
Custom tariff number	85369010
Country of origin	United States

Technical data

Dimensions

Width	118.1 mm
Height	102.7 mm
Depth	72.2 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 75 °C

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Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 75 °C

General

Max. perm. operating voltage	125 V
Max. operating voltage U_{max}	120 V AC (BUS and field terminals)
Max. operating voltage	120 V AC (BUS and field terminals)
	125 V DC
	30 V AC/DC (24C, 24 terminals)
	30 V (D-SUB 25 connector)
Max. perm. current (per branch)	3 A (field signal)
	1 A (control contacts)
Max. permissible current (separate power supply)	15 A (per module)
Max. permissible current	5 A (24C)
Max. permissible total current	15 A (BUS/24)
Number of positions	8
Status display	No
Mounting position	Any
Degree of protection	IP20

Connection data for connection 1

Connection name	Field level
Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M 3
Conductor cross section solid	0.2 mm² ... 4 mm²
Conductor cross section flexible	0.2 mm² ... 2.5 mm²
Conductor cross section AWG	24 ... 12
Torque	0.5 Nm ... 0.6 Nm

Connection data for connection 2

Connection name	Controller level
Connection method	D-SUB pin strip
Number of connections	1
Number of positions	25

Supported controller

Controller	universal

Safety data

Input voltage U_i	30 V (per channel)
Input current I_i	1 A (per channel)
Inductance Li	0 mH

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Technical data

Safety data

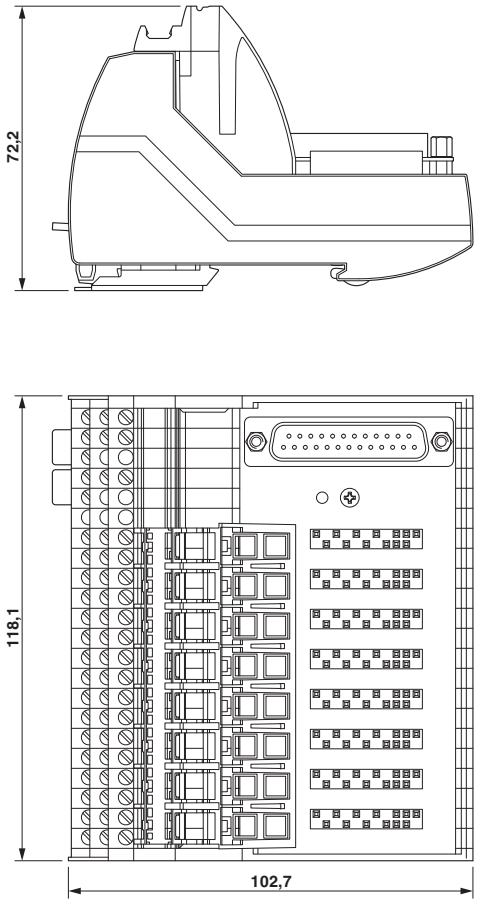
Capacitance Ci	0 µF

Standards and Regulations

Standards/regulations	IEC 60664
	DIN EN 50178
	IEC 62103
Conformance	ANSI/ISA 60079-0; 60079-11; 60079-15
	ANSI/IEC 60529
	FM 3600; 3611; 3810

Drawings

Dimensional drawing



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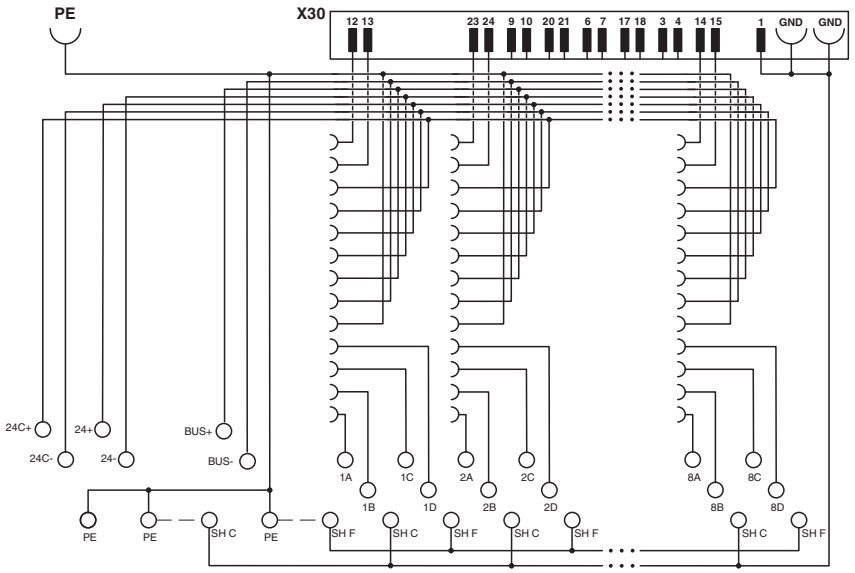
Circuit diagram



Classifications

eCl@ss

eCl@ss 5.1	27141104
eCl@ss 8.0	27242604
eCl@ss 9.0	27242604

ETIM

ETIM 5.0	EC001599

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