

VIP-PA/20XOE/1,0M/FB3000 - Front adapter



1360225

<https://www.phoenixcontact.com/in/products/1360225>

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VIP power cabling, universal front adapter with assembled shielded round cable for connection to 20-pos. Emerson FB3000 3MSG12 I/O modules. 1 x 20 single wires (each ferruled and marked) can be connected (field connection, e.g., via 20 terminal blocks).

Commercial data

Item number	1360225
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	DK2BNK
GTIN	4063151689995
Weight per piece (excluding packing)	177.6 g
Country of origin	US

Technical data

Product properties

Product type	Front adapter
Insulation characteristics	
Overvoltage category	II
Pollution degree	2

Electrical properties

Max. permissible operating voltage	31 V DC
Max. permissible current	0.5 A (per path)

Connection data

Controller level

Connection method	Plug-in connection
Note	Can be plugged onto 12-ch. "3MSG12" I/O modules

Field level

Connection method	Single wires
Number of connections	20
Number of positions	1
Note	The wires are marked and fitted with ferrules

Dimensions

Cable

Length	1 m
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Cable/line

Number of positions	20
Shielded	yes
Conductor type	Assembled shielded round cable
AWG signal line	22
Conductor cross section	20x
Outer sheath, material	PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Halogen-free	no

Environmental and real-life conditions

Ambient conditions

Degree of protection (IP20)	IP20
Ambient temperature (operation)	-40 °C ... 75 °C

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Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 2000 m (above sea level)
Permissible humidity (operation)	≤ 0 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	≤ 95 % (non-condensing)

Approvals

ATEX

Identification	Ⓔ II 3G Ex ec IIC T6 Gc
Certificate	UL 22ATEX2930X

UKEX

Identification	Ⓔ II 3G Ex ec IIC T6 Gc
Certificate	UL 22UKEX2748X

UL, USA/Canada

Identification	Class I, Div. 2, Groups A, B, C, D T6
	Class I, Zone 2, IIC T6

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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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/1360225>



cUL Recognized

Approval ID: CoC E196811-20230227



UL Recognized

Approval ID: UL CoC



ATEX

Approval ID: UL22ATEX2930X



UKCA-EX

Approval ID: UL22UKEX2748X

cULus Recognized

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Classifications

ECLASS

ECLASS-11.0	27242292
ECLASS-12.0	27242292
ECLASS-13.0	27242292

ETIM

ETIM 9.0	EC002584
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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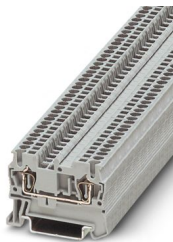
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Accessories

ST 1,5 - Feed-through terminal block

3031076

<https://www.phoenixcontact.com/in/products/3031076>

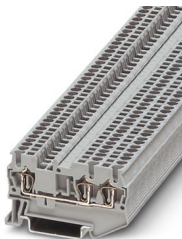


Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 2, connection method: Spring-cage connection, 1 level, Rated cross section: 1.5 mm², cross section: 0.08 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

ST 1,5-TWIN - Feed-through terminal block

3031128

<https://www.phoenixcontact.com/in/products/3031128>



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 3, connection method: Spring-cage connection, Rated cross section: 1.5 mm², cross section: 0.08 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

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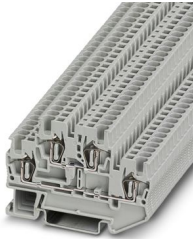
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STTB 1,5 - Double-level spring-cage terminal block

3031157

<https://www.phoenixcontact.com/in/products/3031157>



Double-level spring-cage terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Spring-cage connection, 1st and 2nd level, Rated cross section: 1.5 mm², cross section: 0.08 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

ST 2,5 - Feed-through terminal block

3031212

<https://www.phoenixcontact.com/in/products/3031212>



Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 2, number of positions: 1, connection method: Spring-cage connection, Rated cross section: 2.5 mm², cross section: 0.08 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

VIP-PA/20XOE/1,0M/FB3000 - Front adapter



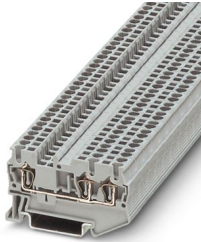
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ST 2,5-TWIN - Feed-through terminal block

3031241

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 3, connection method: Spring-cage connection, Rated cross section: 2.5 mm², cross section: 0.08 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

STTB 2,5 - Double-level spring-cage terminal block

3031270

<https://www.phoenixcontact.com/in/products/3031270>



Double-level spring-cage terminal block, nom. voltage: 500 V, nominal current: 22 A, connection method: Spring-cage connection, Rated cross section: 2.5 mm², cross section: 0.08 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

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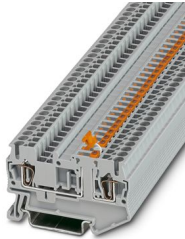
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ST 2,5-MT - Knife-disconnect terminal block

3036343

<https://www.phoenixcontact.com/in/products/3036343>



Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 20 A, connection method: Spring-cage connection, Rated cross section: 2.5 mm², cross section: 0.08 mm² - 4 mm², mounting: NS 35/7,5, NS 35/15, color: gray

UT 2,5 - Feed-through terminal block

3044076

<https://www.phoenixcontact.com/in/products/3044076>



Feed-through terminal block, nom. voltage: 1000 V, nominal current: 24 A, number of connections: 2, connection method: Screw connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

VIP-PA/20XOE/1,0M/FB3000 - Front adapter



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UT 2,5-TWIN - Feed-through terminal block

3044513

<https://www.phoenixcontact.com/in/products/3044513>

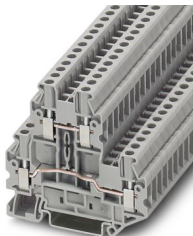


Feed-through terminal block, nom. voltage: 500 V, nominal current: 24 A, number of connections: 3, connection method: Screw connection, 1 level, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

UTTB 2,5 - Double-level terminal block

3044636

<https://www.phoenixcontact.com/in/products/3044636>



Double-level terminal block, nom. voltage: 500 V, nominal current: 24 A, connection method: Screw connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

VIP-PA/20XOE/1,0M/FB3000 - Front adapter



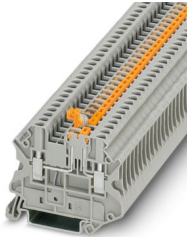
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UT 2,5-MT - Knife-disconnect terminal block

3046362

<https://www.phoenixcontact.com/in/products/3046362>

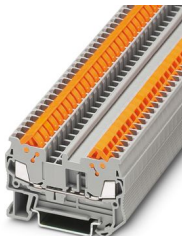


Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 20 A, Thermal continuous current I_{th} : 20 A, connection method: Screw connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting: NS 35/7,5, NS 35/15, color: gray

QTC 1,5 - Feed-through terminal block

3205019

<https://www.phoenixcontact.com/in/products/3205019>



Feed-through terminal block, nom. voltage: 800 V, nominal current: 17.5 A, number of connections: 2, connection method: Quick connection, 1 level, Rated cross section: 1.5 mm², cross section: 0.25 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

VIP-PA/20XOE/1,0M/FB3000 - Front adapter



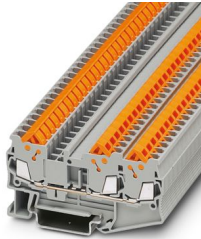
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QTC 1,5-TWIN - Feed-through terminal block

3205048

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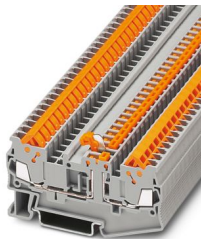


Feed-through terminal block, nom. voltage: 800 V, nominal current: 17.5 A, number of connections: 3, connection method: Quick connection, 1 level, Rated cross section: 1.5 mm², cross section: 0.25 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/7,5, color: gray

QTC 1,5-MT - Knife-disconnect terminal block

3205103

<https://www.phoenixcontact.com/in/products/3205103>



Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 17.5 A, 1 level, connection method: Quick connection, Rated cross section: 1.5 mm², cross section: 0.25 mm² - 1.5 mm², mounting: NS 35/7,5, NS 35/15, color: gray

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QTTCB 1,5 - Double-level terminal block

3205116

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Double-level terminal block, nom. voltage: 500 V, nominal current: 17.5 A, connection method: Quick connection, 1st and 2nd level, Rated cross section: 1.5 mm², cross section: 0.25 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

QTC 2,5 - Feed-through terminal block

3206416

<https://www.phoenixcontact.com/in/products/3206416>



Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 2, connection method: Quick connection, 1 level, Rated cross section: 2.5 mm², cross section: 0.5 mm² - 2.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

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QTC 2,5-TWIN - Feed-through terminal block

3206445

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 3, connection method: Quick connection, 1 level, Rated cross section: 2.5 mm², cross section: 0.5 mm² - 2.5 mm², mounting type: NS 35/7,5, NS 35/7,5, color: gray

QTC 2,5-MT - Knife-disconnect terminal block

3206487

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Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 20 A, 1 level, connection method: Quick connection, Rated cross section: 2.5 mm², cross section: 0.5 mm² - 2.5 mm², mounting: NS 35/7,5, NS 35/15, color: gray

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PT 1,5/S - Feed-through terminal block

3208100

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Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 2, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

PT 1,5/S-TWIN - Feed-through terminal block

3208155

<https://www.phoenixcontact.com/in/products/3208155>



Feed-through terminal block, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 3, connection method: Push-in connection, 1 level, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

VIP-PA/20XOE/1,0M/FB3000 - Front adapter



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PTTB 1,5/S - Double-level terminal block

3208511

<https://www.phoenixcontact.com/in/products/3208511>



Double-level terminal block, nom. voltage: 500 V, nominal current: 16 A, connection method: Push-in connection, 1st and 2nd level, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

PT 2,5 - Feed-through terminal block

3209510

<https://www.phoenixcontact.com/in/products/3209510>



Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 2, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

VIP-PA/20XOE/1,0M/FB3000 - Front adapter



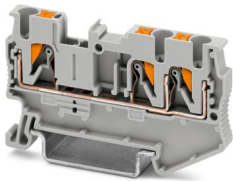
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PT 2,5-TWIN - Feed-through terminal block

3209549

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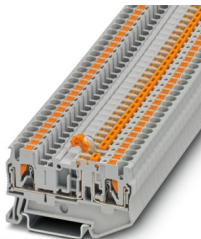


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 3, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

PT 2,5-MT - Knife-disconnect terminal block

3210156

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Knife-disconnect terminal block, nom. voltage: 400 V, nominal current: 20 A, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting: NS 35/7,5, NS 35/15, color: gray

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PTTB 2,5 - Double-level terminal block

3210567

<https://www.phoenixcontact.com/in/products/3210567>



Double-level terminal block, nom. voltage: 500 V, nominal current: 22 A, connection method: Push-in connection, 1st and 2nd level, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

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