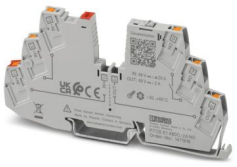
PTCB E1 48DC/2A NO - Electronic circuit breaker

1471918

https://www.phoenixcontact.com/us/products/1471918

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Single-channel, electronic device protection for 48 V DC loads. Fixed nominal current of 2 A. With floating remote indication contact. Can be combined with CLIPLINE terminal blocks. For installation on DIN rails.

Your advantages

- Simple application setup due to bridging option to CLIPLINE complete terminal block system
- More space in the control cabinet: narrowest protection on just 6 mm width
- Flexible use and reduction of inventory due to adjustable amp values on each device for wide range of applications

Commercial data

Item number	1471918
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL10
Product key	CLA135
GTIN	4063151881146
Weight per piece (including packing)	33.66 g
Weight per piece (excluding packing)	27.24 g
Customs tariff number	85363010
Country of origin	DE

Technical data

Notes

General

Note	Repeated hard short circuits can reduce the melting integral of the integrated backup fuse.
	This device is not a switching device acc. to UL508

Product properties

Product type	Device circuit breakers
Product family	PTCB
Type	DIN rail module, one-piece
Number of positions	1

Insulation characteristics

Protection class	III
Pollution degree	2

Electrical properties

General

Operating voltage	30 V DC ... 56 V DC
Rated voltage	48 V DC
Rated current I_N	20 A DC (Total current input)
	2 A DC (Rated current output)
Rated current (pre-adjusted)	2 A
Rated surge voltage	0.5 kV
Tripping method	E (electronic)
Feedback resistance	max. 60 V DC
Required backup fuse	Only required if I_{max} of the power supply > the short-circuit switching capacity. Integrated failsafe element.
Short-circuit switching capacity	300 A
Dielectric strength	max. 60 V DC (Load circuit)
Fuse	electronic
Efficiency	> 99 %
Closed circuit current I_0	typ. 10 mA
Power dissipation	typ. 0.5 W (No-load operation)
	< 0.8 W (Nominal operation)
Module initialization time	< 350 ms
Waiting time after switch off of a channel	5 s (at overload / short circuit)
Measuring tolerance I	± 15 %
MTBF (IEC 61709, SN 29500)	21687269 h (at 25 °C with 21 % load)
	8362602 h (at 40°C with 34.25% load)
	1281969 h (at 60°C with 100% load)

Voltage drop	0.1 V (at 2 A)
Fail-safe element	5 A DC
Contact switching type	without electrical isolation

Load circuit

Shutdown time	≤ 10 ms (For short circuit > 3.0 x I_N)
	≤ 50 ms (with overload >2.0 x I_N)
	≤ 1 s (with overload 1.5…2.0 x I_N)
	≤ 4 s (with overload 1.1…1.5 x I_N)
Undervoltage switch-off	≤ 28.5 V DC (active)
	≥ 29.5 V DC (inactive)
Overvoltage switch-off	≥ 56.5 V DC (active)
	≤ 55.5 V DC (inactive)
Max. capacitive load	10000 µF (Depending on the current setting and the available short-circuit current, e.g., 3 mF at 48 V DC and 0.1 ohm cable)

Indicator/remote signaling

Connection name	Remote indication circuit
Switching function	N/O contact
Operating voltage	0 V DC ... 56 V DC
Operating current	100 mA DC

Connection data

Main circuit IN+

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section AWG	24 ... 12
Conductor cross-section, flexible, with ferrule, with plastic sleeve	0.2 mm² ... 2.5 mm²
Conductor cross-section flexible, with ferrule without plastic sleeve	0.2 mm² ... 2.5 mm²

Main circuit IN-

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section AWG	24 ... 12
Conductor cross-section, flexible, with ferrule, with plastic sleeve	0.2 mm² ... 2.5 mm²
Conductor cross-section flexible, with ferrule without plastic sleeve	0.2 mm² ... 2.5 mm²

Main circuit OUT

Connection method	Push-in connection
Stripping length	8 mm

Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section AWG	24 ... 12
Conductor cross-section, flexible, with ferrule, with plastic sleeve	0.2 mm² ... 2.5 mm²
Conductor cross-section flexible, with ferrule without plastic sleeve	0.2 mm² ... 2.5 mm²

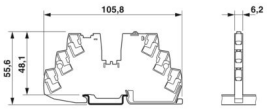
Remote indication circuit

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross-section flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section rigid	0.2 mm² ... 4 mm²
Conductor cross-section AWG	24 ... 14
Conductor cross-section, flexible, with ferrule, with plastic sleeve	0.2 mm² ... 2.5 mm²
Conductor cross-section flexible, with ferrule without plastic sleeve	0.2 mm² ... 2.5 mm²

Signaling

Channel LED off	off (Channel switched off)
Channel LED yellow	lit (Channel switched on, channel load > 80%)
Channel LED green	lit (Channel switched on)
Channel LED red	lit (Channel switched off, over- or undervoltage active)
	ON temporarily (Channel switched off, 5 s cool-down phase, overload or short-circuit release)
	flashing (Channel switched off, ready to be switched back on, overload or short-circuit release)
	flashing quickly (Channel switched off, external voltage at the output, possible installation error)
Channel LED red-yellow	flashing (Overtemperature or P_{OUT} greater than 100 W)

Dimensions

Dimensional drawing	
Width	6.2 mm
Height	105.8 mm
Depth	55.6 mm (incl. DIN rail 7.5 mm)

Material specifications

Color	gray (RAL 7042)
Material	PBT
	PBT
Flammability rating according to UL 94	V-0

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-30 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	≤ 3000 m up to 52 °C (amsl)
	≤ 4000 m up to 46 °C (amsl)
Humidity test	96 h, 95 % RH, 40 °C
Shock (operation)	30g (IEC 60068-2-27, Test Ea)
Vibration (operation)	10 Hz ... 59.6 Hz (Amplitude ±0.35 mm; in accordance with IEC 60068-2-6, Test Fc)
	59.6 Hz ... 150 Hz (Acceleration 5g; in accordance with IEC 60068-2-6, Test Fc)
	5 Hz ... 100 Hz (Resonance search 4g; resonance frequency 4g; 90 min in accordance with DNV GL Class B)

Approvals

UL approval

Identification	UL/C-UL Listed UL 508
	UL Recognized UL 2367

Standards and regulations

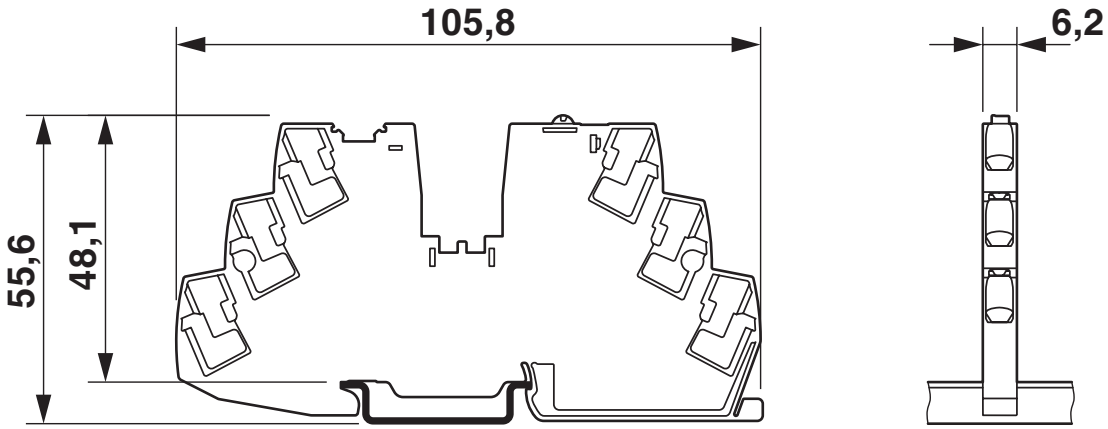
Standards/specifications	EN 61000-6-2
Note	EMC – Immunity for industrial areas
Standards/specifications	EN 61000-6-3
Note	EMC – Emission for residential, business and commercial properties and small operations
Standards/specifications	EN 60068-2-78
Note	Environmental influences – Moisture and heat, constant
Standards/specifications	EN 50178
Note	Equipping power installations with electronic equipment
Standards/specifications	EN 60068-2-6
Note	Environmental influences – Vibrations (sinusoidal)
Standards/specifications	EN 60068-2-27
Note	Environmental influences – Shocks
Standards/specifications	EN 60068-2-30
Note	Environmental influences – Part 2–30: Tests – Test Db: Damp heat, cyclical

Mounting

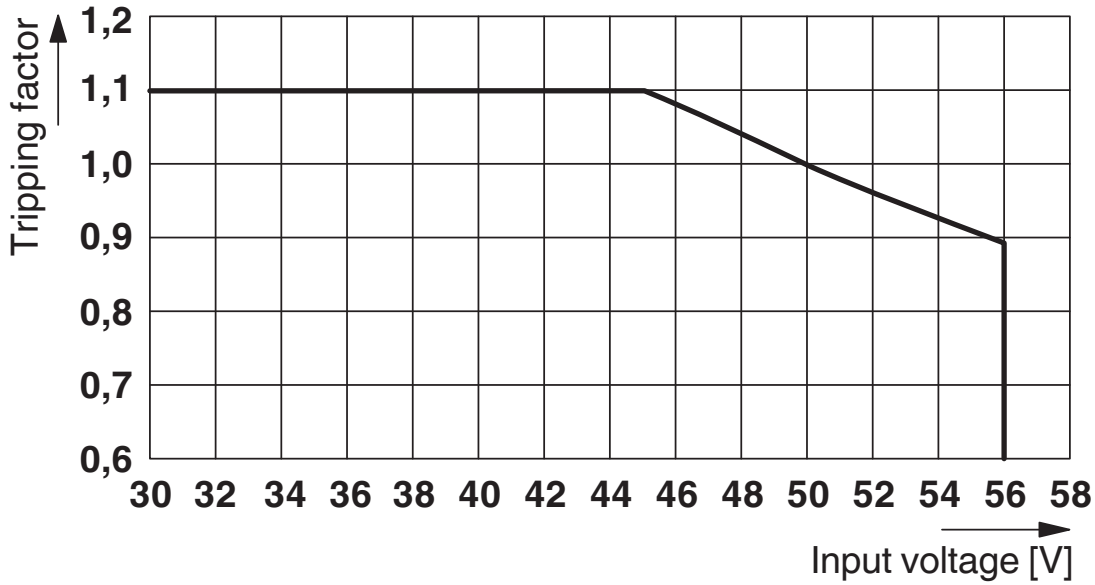
Mounting type	DIN rail: 35 mm

Drawings

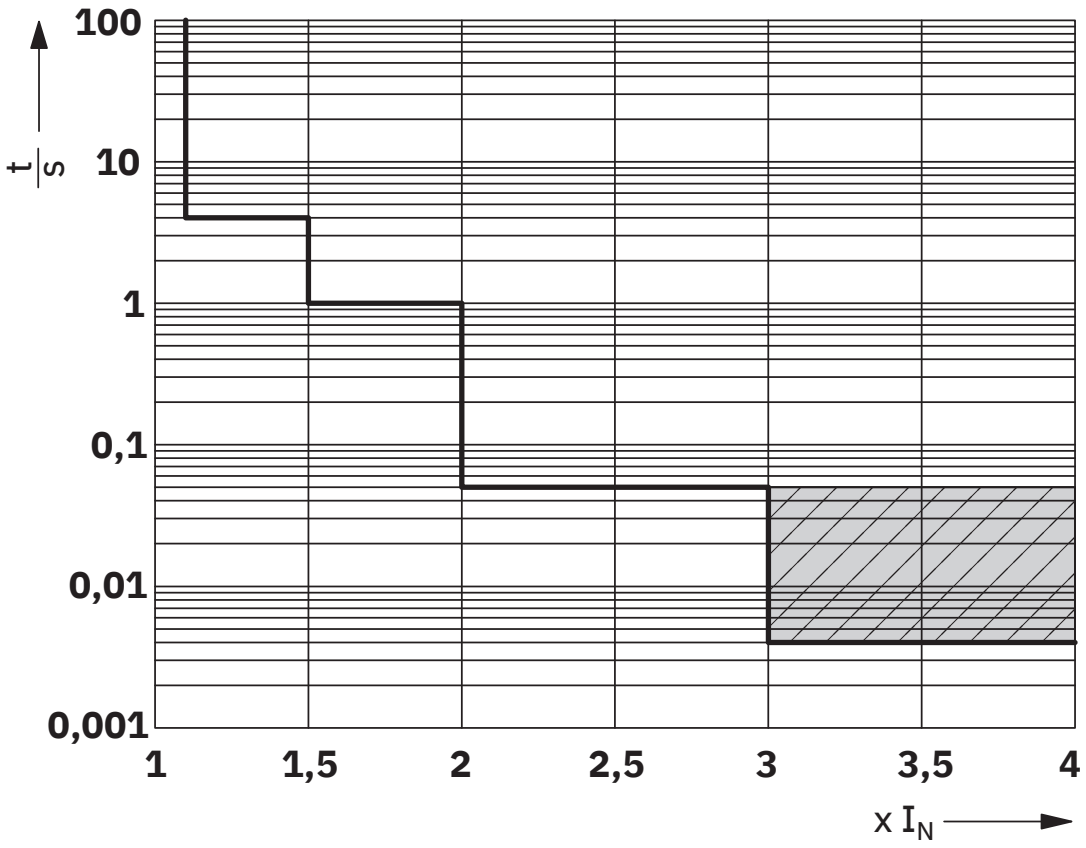
Dimensional drawing



Diagram

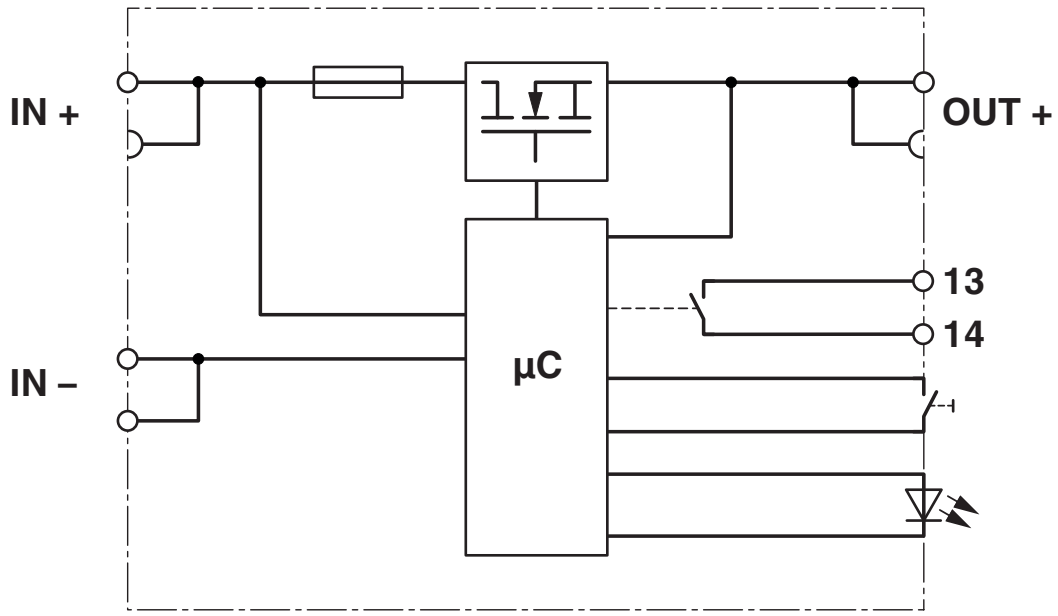


Diagram



Trigger characteristic in the DC range

Block diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1471918

UL Listed
Approval ID: E123528

cUL Listed
Approval ID: E123528

UL Recognized
Approval ID: E317172

Classifications

ECLASS

ECLASS-13.0	27140401
ECLASS-15.0	27140401

ETIM

ETIM 9.0	EC003538

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	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)

Accessories

Note: Applying some accessories below might limit this product.

FBS 2-6 - Plug-in bridge

3030336

https://www.phoenixcontact.com/us/products/3030336



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: red

Max. current carrying capacity: 32 A

FBS 3-6 - Plug-in bridge

3030242

https://www.phoenixcontact.com/us/products/3030242



Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: red

Max. current carrying capacity: 32 A

FBS 4-6 - Plug-in bridge

3030255

https://www.phoenixcontact.com/us/products/3030255



Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: red

Max. current carrying capacity: 32 A

FBS 5-6 - Plug-in bridge

3030349

https://www.phoenixcontact.com/us/products/3030349



Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: red

Max. current carrying capacity: 32 A

FBS 10-6 - Plug-in bridge

3030271

https://www.phoenixcontact.com/us/products/3030271



Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: red

Max. current carrying capacity: 32 A

FBS 20-6 - Plug-in bridge

3030365

https://www.phoenixcontact.com/us/products/3030365



Plug-in bridge, pitch: 6.2 mm, number of positions: 20, color: red

Max. current carrying capacity: 32 A

FBS 50-6 - Plug-in bridge

3032224

https://www.phoenixcontact.com/us/products/3032224



Plug-in bridge, pitch: 6.2 mm, number of positions: 50, color: red

Max. current carrying capacity: 32 A

FBS 2-6 BU - Plug-in bridge

3036932

https://www.phoenixcontact.com/us/products/3036932



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: blue

Max. current carrying capacity: 32 A

FBS 3-6 BU - Plug-in bridge

3036945

https://www.phoenixcontact.com/us/products/3036945



Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: blue

Max. current carrying capacity: 32 A

FBS 4-6 BU - Plug-in bridge

3036958

https://www.phoenixcontact.com/us/products/3036958



Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: blue

Max. current carrying capacity: 32 A

FBS 5-6 BU - Plug-in bridge

3036961

https://www.phoenixcontact.com/us/products/3036961



Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: blue

Max. current carrying capacity: 32 A

FBS 10-6 BU - Plug-in bridge

3032198

https://www.phoenixcontact.com/us/products/3032198



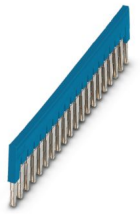
Plug-in bridge, pitch: 6.2 mm, number of positions: 10, color: blue

Max. current carrying capacity: 32 A

FBS 20-6 BU - Plug-in bridge

3032208

https://www.phoenixcontact.com/us/products/3032208



Plug-in bridge, pitch: 6.2 mm, number of positions: 20, color: blue

Max. current carrying capacity: 32 A

FBS 50-6 BU - Plug-in bridge

3032211

https://www.phoenixcontact.com/us/products/3032211



Plug-in bridge, pitch: 6.2 mm, number of positions: 50, color: blue

Max. current carrying capacity: 32 A

FBS 2-6 GY - Plug-in bridge

3032237

https://www.phoenixcontact.com/us/products/3032237



Plug-in bridge, pitch: 6.2 mm, number of positions: 2, color: gray

Max. current carrying capacity: 32 A

FBS 3-6 GY - Plug-in bridge

3032240

https://www.phoenixcontact.com/us/products/3032240



Plug-in bridge, pitch: 6.2 mm, number of positions: 3, color: gray

Max. current carrying capacity: 32 A

FBS 4-6 GY - Plug-in bridge

3032279

https://www.phoenixcontact.com/us/products/3032279



Plug-in bridge, pitch: 6.2 mm, number of positions: 4, color: gray

Max. current carrying capacity: 32 A

FBS 5-6 GY - Plug-in bridge

3032266

https://www.phoenixcontact.com/us/products/3032266



Plug-in bridge, pitch: 6.2 mm, number of positions: 5, color: gray

Max. current carrying capacity: 32 A

FBS 2-5 - Plug-in bridge

3030161

https://www.phoenixcontact.com/us/products/3030161



Plug-in bridge, pitch: 5.2 mm, number of positions: 2, length: 23 mm, color: red

Max. current carrying capacity: 24 A

FBS 3-5 - Plug-in bridge

3030174

https://www.phoenixcontact.com/us/products/3030174



Plug-in bridge, pitch: 5.2 mm, number of positions: 3, length: 23 mm, color: red

Max. current carrying capacity: 24 A

FBS 4-5 - Plug-in bridge

3030187

https://www.phoenixcontact.com/us/products/3030187



Plug-in bridge, pitch: 5.2 mm, number of positions: 4, length: 23 mm, color: red

Max. current carrying capacity: 24 A

FBS 5-5 - Plug-in bridge

3030190

https://www.phoenixcontact.com/us/products/3030190



Plug-in bridge, pitch: 5.2 mm, number of positions: 5, length: 23 mm, color: red

Max. current carrying capacity: 24 A

FBS 10-5 - Plug-in bridge

3030213

https://www.phoenixcontact.com/us/products/3030213



Plug-in bridge, pitch: 5.2 mm, number of positions: 10, length: 23 mm, color: red

Max. current carrying capacity: 24 A

FBS 20-5 - Plug-in bridge

3030226

https://www.phoenixcontact.com/us/products/3030226



Plug-in bridge, pitch: 5.2 mm, number of positions: 20, color: red

Max. current carrying capacity: 24 A

FBS 50-5 - Plug-in bridge

3038930

https://www.phoenixcontact.com/us/products/3038930



Plug-in bridge, pitch: 5.2 mm, number of positions: 50, color: red

Max. current carrying capacity: 24 A

FBS 2-5 BU - Plug-in bridge

3036877

https://www.phoenixcontact.com/us/products/3036877



Plug-in bridge, pitch: 5.2 mm, number of positions: 2, color: blue

Max. current carrying capacity: 24 A

FBS 3-5 BU - Plug-in bridge

3036880

https://www.phoenixcontact.com/us/products/3036880



Plug-in bridge, pitch: 5.2 mm, number of positions: 3, color: blue

Max. current carrying capacity: 24 A

FBS 4-5 BU - Plug-in bridge

3036893

https://www.phoenixcontact.com/us/products/3036893



Plug-in bridge, pitch: 5.2 mm, number of positions: 4, color: blue

Max. current carrying capacity: 24 A

FBS 5-5 BU - Plug-in bridge

3036903

https://www.phoenixcontact.com/us/products/3036903



Plug-in bridge, pitch: 5.2 mm, number of positions: 5, color: blue

Max. current carrying capacity: 24 A

FBS 10-5 BU - Plug-in bridge

3036916

https://www.phoenixcontact.com/us/products/3036916



Plug-in bridge, pitch: 5.2 mm, number of positions: 10, color: blue

Max. current carrying capacity: 24 A

FBS 20-5 BU - Plug-in bridge

3036929

https://www.phoenixcontact.com/us/products/3036929



Plug-in bridge, pitch: 5.2 mm, number of positions: 20, color: blue

Max. current carrying capacity: 24 A

FBS 50-5 BU - Plug-in bridge

3032114

https://www.phoenixcontact.com/us/products/3032114



Plug-in bridge, pitch: 5.2 mm, number of positions: 50, color: blue

Max. current carrying capacity: 24 A

FBS 2-5 GY - Plug-in bridge

3038969

https://www.phoenixcontact.com/us/products/3038969



Plug-in bridge, pitch: 5.2 mm, number of positions: 2, color: gray

Max. current carrying capacity: 24 A

FBS 3-5 GY - Plug-in bridge

3038972

https://www.phoenixcontact.com/us/products/3038972



Plug-in bridge, pitch: 5.2 mm, number of positions: 3, color: gray

Max. current carrying capacity: 24 A

FBS 4-5 GY - Plug-in bridge

3038985

https://www.phoenixcontact.com/us/products/3038985



Plug-in bridge, pitch: 5.2 mm, number of positions: 4, color: gray

Max. current carrying capacity: 24 A

FBS 5-5 GY - Plug-in bridge

3038998

https://www.phoenixcontact.com/us/products/3038998



Plug-in bridge, pitch: 5.2 mm, number of positions: 5, color: gray

Max. current carrying capacity: 24 A

RB ST 10-(2,5/4) - Reducing bridge

3030873

https://www.phoenixcontact.com/us/products/3030873

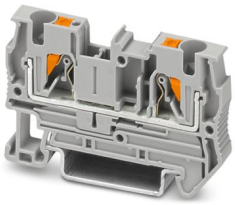


Reducing bridge, pitch: 10 mm, number of positions: 2, length: 36 mm, color: red

PT 4 - Feed-through terminal block

3211757

https://www.phoenixcontact.com/us/products/3211757



Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 2, connection method: Push-in connection, Rated cross section: 4 mm^2, cross section: 0.2 mm^2 - 6 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

PT 4-TWIN - Feed-through terminal block

3211771

https://www.phoenixcontact.com/us/products/3211771

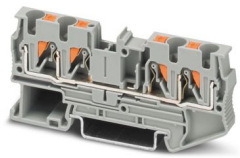


Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 3, connection method: Push-in connection, Rated cross section: 4 mm^2, cross section: 0.2 mm^2 - 6 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

PT 4-QUATTRO - Feed-through terminal block

3211797

https://www.phoenixcontact.com/us/products/3211797

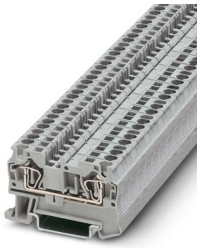


Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 4, connection method: Push-in connection, Rated cross section: 4 mm^2, cross section: 0.2 mm^2 - 6 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

ST 4 - Feed-through terminal block

3031364

https://www.phoenixcontact.com/us/products/3031364



Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 2, connection method: Spring-cage connection, Rated cross section: 4 mm^2, 1 level, cross section: 0.08 mm^2 - 6 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

ST 4-TWIN - Feed-through terminal block

3031393

https://www.phoenixcontact.com/us/products/3031393



Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 3, connection method: Spring-cage connection, Rated cross section: 4 mm^2, cross section: 0.08 mm^2 - 6 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

ST 4-QUATTRO - Feed-through terminal block

3031445

https://www.phoenixcontact.com/us/products/3031445

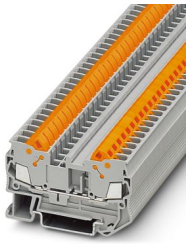


Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 4, connection method: Spring-cage connection, Rated cross section: 4 mm^2, cross section: 0.08 mm^2 - 6 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

QTC 2,5 - Feed-through terminal block

3206416

https://www.phoenixcontact.com/us/products/3206416

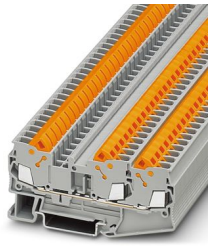


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 2, connection method: Quick connection, Rated cross section: 2.5 mm^2, 1 level, cross section: 0.5 mm^2 - 2.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

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

3206445

https://www.phoenixcontact.com/us/products/3206445



Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 3, connection method: Quick connection, Rated cross section: 2.5 mm^2, 1 level, cross section: 0.5 mm^2 - 2.5 mm^2, mounting type: NS 35/7,5, NS 35/7,5, color: gray

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

3206446

https://www.phoenixcontact.com/us/products/3206446



Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 4, connection method: Quick connection, Rated cross section: 2.5 mm^2, 1 level, cross section: 0.5 mm^2 - 2.5 mm^2, mounting type: NS 35/7,5, NS 35/7,5, color: gray

PT 2,5 - Feed-through terminal block

3209510

https://www.phoenixcontact.com/us/products/3209510

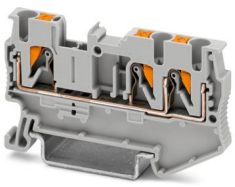


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 2, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

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

3209549

https://www.phoenixcontact.com/us/products/3209549

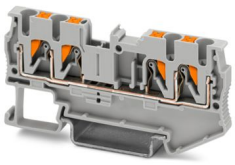


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 3, connection method: Push-in connection, Rated cross section: 2.5 mm^2, cross section: 0.14 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

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

3209578

https://www.phoenixcontact.com/us/products/3209578



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

ST 2,5 - Feed-through terminal block

3031212

https://www.phoenixcontact.com/us/products/3031212

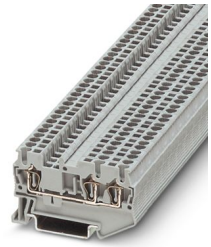


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 2, number of positions: 1, connection method: Spring-cage connection, Rated cross section: 2.5 mm^2, cross section: 0.08 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

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

3031241

https://www.phoenixcontact.com/us/products/3031241

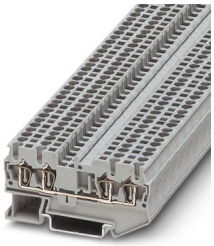


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 3, connection method: Spring-cage connection, Rated cross section: 2.5 mm^2, cross section: 0.08 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

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

3031306

https://www.phoenixcontact.com/us/products/3031306

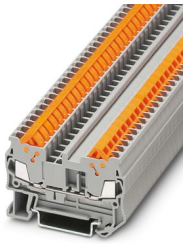


Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 4, connection method: Spring-cage connection, Rated cross section: 2.5 mm^2, cross section: 0.08 mm^2 - 4 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

QTC 1,5 - Feed-through terminal block

3205019

https://www.phoenixcontact.com/us/products/3205019

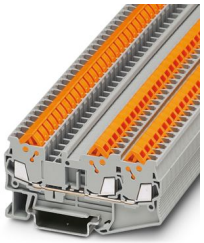


Feed-through terminal block, nom. voltage: 800 V, nominal current: 17.5 A, number of connections: 2, connection method: Quick connection, Rated cross section: 1.5 mm^2, 1 level, cross section: 0.25 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

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

3205048

https://www.phoenixcontact.com/us/products/3205048



Feed-through terminal block, nom. voltage: 800 V, nominal current: 17.5 A, number of connections: 3, connection method: Quick connection, Rated cross section: 1.5 mm^2, 1 level, cross section: 0.25 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/7,5, color: gray

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

3205077

https://www.phoenixcontact.com/us/products/3205077

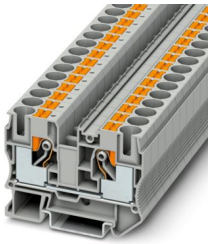


Feed-through terminal block, nom. voltage: 800 V, nominal current: 17.5 A, number of connections: 4, connection method: Quick connection, Rated cross section: 1.5 mm^2, 1 level, cross section: 0.25 mm^2 - 1.5 mm^2, mounting type: NS 35/7,5, NS 35/7,5, color: gray

PT 10 - Feed-through terminal block

3212120

https://www.phoenixcontact.com/us/products/3212120



Feed-through terminal block, nom. voltage: 1000 V, nominal current: 57 A, number of connections: 2, connection method: Push-in connection, Rated cross section: 10 mm^2, cross section: 0.5 mm^2 - 16 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

ST 10 - Feed-through terminal block

3036110

https://www.phoenixcontact.com/us/products/3036110



Feed-through terminal block, nom. voltage: 1000 V, nominal current: 57 A, number of connections: 2, connection method: Spring-cage connection, Rated cross section: 10 mm^2, cross section: 0.2 mm^2 - 16 mm^2, mounting type: NS 35/7,5, NS 35/15, color: gray

ZB 6:UNBEDRUCKT - Zack marker strip

1051003

https://www.phoenixcontact.com/us/products/1051003



Zack marker strip, Strip, white, unmarked, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 6.2 mm, Number of individual labels: 10, text field height: 10.5 mm, text field width: 6.15 mm

ZBF 6:UNBEDRUCKT - Zack Marker strip, flat

0808710

https://www.phoenixcontact.com/us/products/0808710



Zack Marker strip, flat, Strip, white, unmarked, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 6.2 mm, Number of individual labels: 10, text field height: 6.15 mm, text field width: 5.15 mm

UCT-TM 6 - Marker for terminal blocks

0828736

https://www.phoenixcontact.com/us/products/0828736



Marker for terminal blocks, Sheet, white, unmarked, can be labeled with: BLUEMARK E.CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME 2.0, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, TOPMARK NEO, TOPMARK LASER, mounting type: latching, for terminal block width: 6.2 mm, Number of individual labels: 60, text field height: 10.5 mm, text field width: 5.6 mm

UCT-TM 6 CUS - Marker for terminal blocks

0829602

https://www.phoenixcontact.com/us/products/0829602



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, Number of individual labels: 60, text field height: 10.5 mm, text field width: 5.6 mm

US-TML (104X3,8) - Marker for terminal blocks

0830768

https://www.phoenixcontact.com/us/products/0830768



Marker for terminal blocks, Card, white, unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, mounting type: adhesive, Number of individual labels: 22, text field height: 3.8 mm, text field width: 104 mm

TTC-6P-T3-24DC-PT-I - Type 3 surge protection device

1027586

https://www.phoenixcontact.com/us/products/1027586



Type 3 surge protection, consisting of protective plug and base element, with integrated status indicator for 24 V DC power supplies

DB 50- 90 BK - Wire bridge

2820916

https://www.phoenixcontact.com/us/products/2820916

Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm^2, loop length: 90 mm, ferrule length: 8 mm, color: black



DB 50- 90 BU - Wire bridge

2821180

https://www.phoenixcontact.com/us/products/2821180

Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm^2, loop length: 90 mm, ferrule length: 8 mm, color: blue



DB 50- 90 GY - Wire bridge

2820929

https://www.phoenixcontact.com/us/products/2820929

Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm^2, loop length: 90 mm, ferrule length: 8 mm, color: gray



DB 50- 90 RD - Wire bridge

2864639

https://www.phoenixcontact.com/us/products/2864639

Flexible wire loop bridge, 50-pos., conductor cross-section: 0.5 mm^2, loop length: 90 mm, ferrule length: 8 mm, color: red



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