

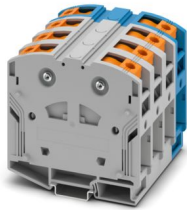
PTPOWER 95-3L/N - High-current terminal block



3260112

<https://www.phoenixcontact.com/us/products/3260112>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



High-current terminal block, Blocked, nom. voltage: 1000 V, nominal current: 232 A, number of connections: 8, number of positions: 4, connection method: PowerTurn connection, cross section: 25 mm² - 95 mm², mounting type: NS 35/15, color: gray/blue

Your advantages

- Quick and easy connection is now also possible for large conductors with the high-current terminal block
- In addition to using the existing test pick-off, pick-off terminal blocks can be connected, each of which can also accommodate two test cables
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design enables wiring in a confined space

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3260112 |
| Packing unit | 2 pc |
| Minimum order quantity | 2 pc |
| Sales key | BE22 |
| Product key | BE2211 |
| GTIN | 4046356778763 |
| Weight per piece (including packing) | 857 g |
| Weight per piece (excluding packing) | 727.8 g |
| Customs tariff number | 85369010 |
| Country of origin | TR |

PTPOWER 95-3L/N - High-current terminal block



3260112

<https://www.phoenixcontact.com/us/products/3260112>

Technical data

Product properties

| | |
|-----------------------|-----------------------------|
| Product type | High current terminal block |
| Number of positions | 4 |
| Number of connections | 8 |
| Number of rows | 1 |
| Potentials | 4 |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 3 |

Electrical properties

| | |
|---|--------|
| Rated surge voltage | 8 kV |
| Maximum power dissipation for nominal condition | 7.54 W |

Connection data

| | |
|---|---|
| Number of connections per level | 2 |
| Nominal cross section | 95 mm ² |
| Connection method | PowerTurn connection |
| Stripping length | 40 mm |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross-section rigid | 25 mm ² ... 95 mm ² |
| Cross section AWG | 2 ... 3/0 (converted acc. to IEC) |
| Conductor cross-section flexible | 25 mm ² ... 95 mm ² |
| Conductor cross-section, flexible [AWG] | 2 ... 3/0 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 25 mm ² ... 95 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 25 mm ² ... 95 mm ² |
| Cross-section with insertion bridge, rigid | 70 mm ² |
| Cross-section with insertion bridge, flexible | 70 mm ² |
| Nominal current | 232 A |
| Maximum load current | 232 A (with 95 mm ² conductor cross-section) |
| Nominal voltage | 1000 V |

Connection cross sections directly pluggable

| | |
|---|---|
| Conductor cross-section rigid | 25 mm ² ... 95 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 25 mm ² ... 95 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 25 mm ² ... 95 mm ² |

Ex data

Rated data (ATEX/IECEx)

| | |
|-----------------------------|------------------------|
| Identification | ⊕ II 2 GD Ex eb IIC Gb |
| Operating temperature range | -60 °C ... 110 °C |

PTPOWER 95-3L/N - High-current terminal block



3260112

<https://www.phoenixcontact.com/us/products/3260112>

| | |
|-----------------------------------|---|
| Ex-certified accessories | 1206612 SZF 3-1,0X5,5 |
| | 1201662 E/AL-NS 35 |
| List of bridges | Insertion bridge / EB 2-25/PT / 3260157 |
| Bridge data | 144 A (50 mm ²) |
| | 174 A (70 mm ²) |
| List of bridges | Insertion bridge / EB 3-25/PT / 3260160 |
| Bridge data | 144 A (50 mm ²) |
| | 174 A (70 mm ²) |
| Ex temperature increase | 40 K (237 A / 95 mm ²) |
| at bridging with insertion bridge | 1100 V |
| for bridging with bridge | 1100 V |
| Rated insulation voltage | 1000 V |
| output | (Permanent) |

Ex level General

| | |
|----------------------|--------|
| Rated voltage | 1100 V |
| Rated current | 215 A |
| Maximum load current | 215 A |
| Contact resistance | 0.1 mΩ |

Ex connection data General

| | |
|--|---|
| Ferrule length | 40 mm |
| Stripping length | 40 mm |
| Nominal cross section | 95 mm ² |
| Rated cross section AWG | 4/0 |
| Connection capacity rigid | 25 mm ² ... 95 mm ² |
| Connection capacity AWG | 4 ... 4/0 |
| Conductor cross-section flexible, with ferrule without plastic sleeve min. | 25 mm ² |
| Conductor cross-section flexible, with ferrule without plastic sleeve max. | 95 mm ² |
| Single conductor/terminal point, flexible, with ferrule, without plastic sleeve, AWG | 4 ... 4/0 |

Dimensions

| | |
|-------------------|----------|
| Width | 100 mm |
| Height | 105.5 mm |
| Depth on NS 35/15 | 108.7 mm |

Material specifications

| | |
|--|----------------------|
| Color | multicolored (RAL -) |
| | gray (RAL 7042) |
| | blue (RAL 5015) |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Insulating material | PA |

PTPOWER 95-3L/N - High-current terminal block



3260112

<https://www.phoenixcontact.com/us/products/3260112>

| | |
|--|-------------|
| Static insulating material application in cold | -60 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 |
| Surface flammability NFPA 130 (ASTM E 162) | passed |
| Specific optical density of smoke NFPA 130 (ASTM E 662) | passed |
| Smoke gas toxicity NFPA 130 (SMP 800C) | passed |

Electrical tests

Surge voltage test

| | |
|-----------------------|-------------|
| Test voltage setpoint | 9.8 kV |
| Result | Test passed |

Temperature-rise test

| | |
|---|-------------------------------------|
| Requirement temperature-rise test | Increase in temperature ≤ 45 K |
| Result | Test passed |
| Short-time withstand current 95 mm ² | 11.4 kA |
| Result | Test passed |

Power-frequency withstand voltage

| | |
|-----------------------|-------------|
| Test voltage setpoint | 6 kV |
| Result | Test passed |

Mechanical properties

Mechanical data

| | |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

Mechanical tests

Mechanical strength

| | |
|--------|-------------|
| Result | Test passed |
|--------|-------------|

Attachment on the carrier

| | |
|-------------------------|-------------|
| DIN rail/fixing support | NS 35/15 |
| Test force setpoint | 15 N |
| Result | Test passed |

Test for conductor damage and slackening

| | |
|--------------------------------|-----------------------------|
| Rotation speed | 10 rpm |
| Revolutions | 135 |
| Conductor cross-section/weight | 25 mm ² / 4.5 kg |
| | 95 mm ² /14 kg |
| Result | Test passed |

Environmental and real-life conditions

Aging

| | |
|--------------------|-------------|
| Temperature cycles | 192 |
| Result | Test passed |

Needle-flame test

| | |
|------------------|-------------|
| Time of exposure | 30 s |
| Result | Test passed |

Oscillation/broadband noise

| | |
|------------------------|--|
| Specification | DIN EN 50155 (VDE 0115-200):2008-03 |
| Spectrum | Long life test category 2, bogie-mounted |
| Frequency | $f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$ |
| ASD level | $6.12 \text{ (m/s}^2\text{)}^2\text{/Hz}$ |
| Acceleration | 3.12g |
| Test duration per axis | 5 h |
| Test directions | X-, Y- and Z-axis |
| Result | Test passed |

Shocks

| | |
|--------------------------------|-------------------------------------|
| Specification | DIN EN 50155 (VDE 0115-200):2008-03 |
| Pulse shape | Half-sine |
| Acceleration | 30g |
| Shock duration | 18 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |
| Result | Test passed |

Ambient conditions

| | |
|--|--|
| Ambient temperature (operation) | -60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.) |
| Ambient temperature (storage/transport) | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) |
| Ambient temperature (assembly) | -5 °C ... 70 °C |
| Ambient temperature (actuation) | -5 °C ... 70 °C |
| Permissible humidity (operation) | 20 % ... 90 % |
| Permissible humidity (storage/transport) | 30 % ... 70 % |

Standards and regulations

| | |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-1 |
|----------------------------------|---------------|

Mounting

| | |
|---------------|----------|
| Mounting type | NS 35/15 |
|---------------|----------|

PTPOWER 95-3L/N - High-current terminal block

3260112

<https://www.phoenixcontact.com/us/products/3260112>

Drawings

Schematic diagram

PTPOWER



| | | |
|----------------|--|-------|
| AGK 10-PTPOWER | 0,5 mm ² ... 16 mm ² | 18 mm |
| PTPOWER 35 | 2,5 mm ² ... 35 mm ² | 25 mm |
| PTPOWER 50 | 10 mm ² ... 50 mm ² | 32 mm |
| PTPOWER 95 | 25 mm ² ... 95 mm ² | 40 mm |
| PTPOWER 185 | 95 mm ² ... 185 mm ² | 40 mm |



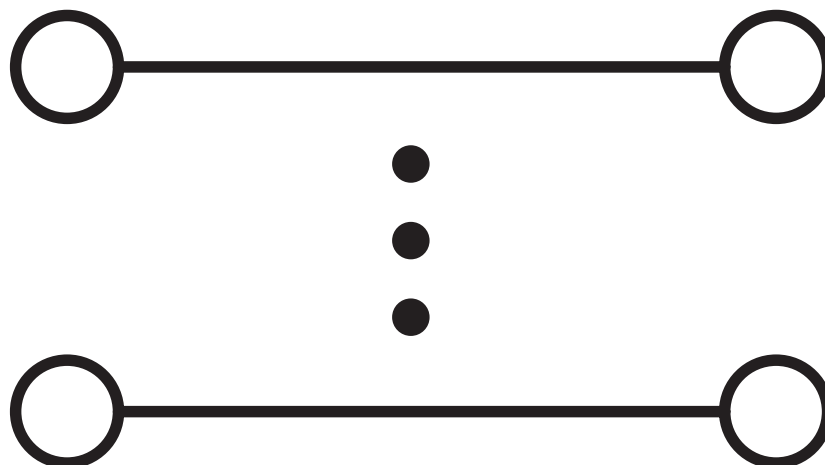
PPOWER 95-3L/N - High-current terminal block



3260112

<https://www.phoenixcontact.com/us/products/3260112>

Circuit diagram



PTPOWER 95-3L/N - High-current terminal block




3260112


<https://www.phoenixcontact.com/us/products/3260112>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3260112>

|  CSA Approval ID: 13631 | | | | |
|--|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| B | 600 V | 230 A | 4 - 4/0 | - |
| C | 1000 V | 230 A | 4 - 4/0 | - |

|  cUL Recognized Approval ID: E60425 | | | | |
|--|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| C | 1000 V | 230 A | 4 - 4/0 | - |

|  UL Recognized Approval ID: E60425 | | | | |
|---|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| E | 1000 V | 230 A | 4 - 4/0 | - |

|  EAC Approval ID: RU C-DE.BL08.B.00644 | | | | |
|---|--|--|--|--|
|---|--|--|--|--|

| DNV Approval ID: TAE00000Z9 | | | | |
|---------------------------------------|--|--|--|--|
|---------------------------------------|--|--|--|--|

|  EAC Approval ID: KZ7500651131219505 | | | | |
|---|--|--|--|--|
|---|--|--|--|--|

|  UKCA-EX Approval ID: CML 22UKEX1227U | | | | |
|--|--|--|--|--|
|--|--|--|--|--|

|  IECEX Approval ID: IECEXSEV14.0013U | | | | |
|---|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |

PTPOWER 95-3L/N - High-current terminal block



3260112

<https://www.phoenixcontact.com/us/products/3260112>

| | | | | |
|--|--------|-------|---|---------|
| | 1100 V | 215 A | - | 25 - 95 |
|--|--------|-------|---|---------|



ATEX

Approval ID: SEV14ATEX0156U

| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
|-------|-----------------------|-----------------------|-------------------|-----------------------------|
| keine | | | | |
| | 1100 V | 215 A | - | 25 - 95 |

PTPOWER 95-3L/N - High-current terminal block



3260112

<https://www.phoenixcontact.com/us/products/3260112>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27250101 |
| ECLASS-15.0 | 27250101 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000897 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

PTPOWER 95-3L/N - High-current terminal block



3260112

<https://www.phoenixcontact.com/us/products/3260112>

Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|----------------|
| CO2e kg | 12.169 kg CO2e |
|---------|----------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

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