



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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High-current terminal block - PTPOWER 95 - 3260100

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High-current terminal block, Connection method: Push-in connection, Cross section: 25 mm² - 95 mm², AWG: 4 - 3/0, Width: 25 mm, Color: gray, Mounting type: NS 35/15

Product Features

- ✓ Quick and easy connection is now also possible for large conductors with the high-current terminal block
- ✓ 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
- ✓ In addition to using the existing test connection, pick-off terminal blocks can be connected, each of which can also accommodate two test cables
- ✓ Tested for railway applications



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| Weight per Piece (excluding packing) | 198.0 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

General

| | |
|---|------------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | gray |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Area of application | Railway industry |
| | Mechanical engineering |
| | Plant engineering |

High-current terminal block - PTPOWER 95 - 3260100

Technical data

General

| | |
|---|---|
| Maximum load current | 232 A (with 95 mm ² conductor cross section) |
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 232 A (with 95 mm ² conductor cross section) |
| Nominal current I _N | 232 A |
| Nominal voltage U _N | 1500 V |
| Maximum load current | 232 A (with 95 mm ² conductor cross section) |
| Open side panel | nein |
| Shock protection test specification | DIN EN 50274 (VDE 0660-514):2002-11 |
| Back of the hand protection | guaranteed |
| Finger protection | guaranteed |
| Surge voltage test setpoint | 9.8 kV |
| Result of surge voltage test | Test passed |
| Result of power-frequency withstand voltage test | Test passed |
| Checking the mechanical stability of terminal points (5 x conductor connection) | Test passed |
| Bending test rotation speed | 10 rpm |
| Bending test turns | 135 |
| Bending test conductor cross section/weight | 25 mm ² / 4.5 kg |
| | 95 mm ² /14 kg |
| Result of bending test | Test passed |
| Conductor cross section tensile test | 25 mm ² |
| Tractive force setpoint | 135 N |
| Conductor cross section tensile test | 95 mm ² |
| Tractive force setpoint | 351 N |
| Tensile test result | Test passed |
| Tight fit on carrier | NS 35/15 |
| Setpoint | 15 N |
| Result of tight fit test | Test passed |
| Requirements, voltage drop | ≤ 3.2 mV |
| Result of voltage drop test | Test passed |
| Temperature-rise test | Test passed |
| Conductor cross section short circuit testing | 95 mm ² |
| Short-time current | 11.4 kA |

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Technical data

General

| | |
|---|--|
| Short circuit stability result | Test passed |
| Ageing test for screwless modular terminal block temperature cycles | 192 |
| Result of aging test | Test passed |
| Proof of thermal characteristics (needle flame) effective duration | 30 s |
| Result of thermal test | Test passed |
| Test specification, oscillation, broadband noise | DIN EN 50155 (VDE 0115-200):2008-03 |
| Test spectrum | Service life test category 2, bogie mounted |
| Test 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 | 3.12 g |
| Test duration per axis | 5 h |
| Test directions | X-, Y- and Z-axis |
| Oscillation, broadband noise test result | Test passed |
| Test specification, shock test | DIN EN 50155 (VDE 0115-200):2008-03 |
| Shock form | Half-sine |
| Acceleration | 30g |
| Shock duration | 18 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |
| Shock test result | Test passed |
| Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21)) | 125 °C |
| Static insulating material application in cold | -60 °C |

Dimensions

| | |
|-----------------|----------|
| Width | 25 mm |
| Length | 105.5 mm |
| Height NS 35/15 | 108.7 mm |

Connection data

| | |
|--|--------------------|
| Connection in acc. with standard | IEC 60947-7-1 |
| Connection method | Push-in connection |
| Conductor cross section solid min. | 25 mm ² |
| Conductor cross section solid max. | 95 mm ² |
| Conductor cross section AWG/kcmil min. | 4 |
| Conductor cross section AWG/kcmil max | 3/0 |
| Conductor cross section stranded min. | 25 mm ² |
| Conductor cross section stranded max. | 95 mm ² |
| Min. AWG conductor cross section, stranded | 4 |

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Technical data

Connection data

| | |
|--|--------------------|
| Max. AWG conductor cross section, stranded | 4/0 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 95 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 95 mm ² |
| Cross section with insertion bridge, solid max. | 95 mm ² |
| Cross section with insertion bridge, stranded max. | 70 mm ² |
| Cross section with insertion bridge, solid max. | 95 mm ² |
| Cross section with insertion bridge, stranded max. | 70 mm ² |
| Stripping length | 40 mm |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141120 |
| eCl@ss 4.1 | 27141120 |
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11 | 39121410 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39121410 |

Approvals

Approvals

High-current terminal block - PTPOWER 95 - 3260100

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

IECEX / ATEX / EAC Ex

Approvals submitted

Approval details

| | |
|--------------------------------|--------|
| UL Recognized | |
| mm ² /AWG/kcmil | 4-4/0 |
| Nominal current I _N | 230 A |
| Nominal voltage U _N | 1000 V |

| | |
|--------------------------------|--------|
| cUL Recognized | |
| | C |
| mm ² /AWG/kcmil | 4-4/0 |
| Nominal current I _N | 230 A |
| Nominal voltage U _N | 1000 V |

EAC

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Drawings

Circuit diagram



