

High-current terminal block - PTPOWER 95-3L/N - 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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



High-current terminal block, Blocked, Connection method: Power-Turn connection, Number of positions: 4, Cross section: 25 mm² - 95 mm², AWG: 4 - 3/0, Width: 100 mm, Color: gray/blue, Mounting type: NS 35/15

The figure shows a version of the article

Why buy this product

- 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



Key Commercial Data

Packing unit	2 STK
GTIN	 4 046356 778763
GTIN	4046356778763
Weight per Piece (excluding packing)	727.800 g
Custom tariff number	85369010
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

General

Number of positions	4
Number of levels	1
Number of connections	2
Potentials	4
Nominal cross section	95 mm ²
Color	gray/blue

High-current terminal block - PTPOWER 95-3L/N - 3260112

Technical data

General

Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	232 A (with 95 mm ² conductor cross section)
Nominal current I _N	232 A
Nominal voltage U _N	1500 V
Open side panel	No
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
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

Dimensions

Width	100 mm
Length	105.5 mm
Height NS 35/15	108.7 mm

Connection data

Connection method	Power-Turn connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	25 mm ²
Conductor cross section solid max.	95 mm ²
Conductor cross section AWG min.	4
Conductor cross section AWG max.	3/0
Conductor cross section flexible min.	25 mm ²
Conductor cross section flexible max.	95 mm ²

High-current terminal block - PTPOWER 95-3L/N - 3260112

Technical data

Connection data

Min. AWG conductor cross section, flexible	4
Max. AWG conductor cross section, flexible	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
Conductor cross section flexible, with ferrule with plastic sleeve min.	25 mm ²
Conductor cross section flexible, 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

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram



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
eCl@ss 9.0	27141120

ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

High-current terminal block - PTPOWER 95-3L/N - 3260112

Classifications

UNSPSC

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

Approvals


Approvals


Approvals

UL Recognized / cUL Recognized / EAC / LR / BV / CSA / DNV GL / cULus Recognized

Ex Approvals

Approval details

UL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425	
mm²/AWG/kcmil	4-4/0
Nominal current I _N	230 A
Nominal voltage U _N	1000 V

cUL Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425	
	C
mm²/AWG/kcmil	4-4/0
Nominal current I _N	230 A
Nominal voltage U _N	1000 V

EAC 7500651.22.01.00246

LR <http://www.lr.org/en> 15/20030

BV <http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials> 40933/A1 BV

High-current terminal block - PTPOWER 95-3L/N - 3260112

Approvals

CSA http://www.csagroup.org/services/testing-and-certification/certified-product-listing/13631		
	B	C
mm ² /AWG/kcmil	4-4/0	4-4/0
Nominal current I _N	230 A	230 A
Nominal voltage U _N	600 V	1000 V

DNV GL https://www.dnvgl.com/TAE00000Z9
--

cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
--

Accessories

Accessories

Connector

Ferrule - A 25 -40 - 3241238



Ferrule, Length: 40 mm, Color: silver

Ferrule - A 35 -40 - 3241239



Ferrule, Length: 40 mm, Color: silver

Ferrule - A 50 -40 - 3241240



Ferrule, Length: 40 mm, Color: silver

High-current terminal block - PTPOWER 95-3L/N - 3260112

Accessories

Ferrule - A 70 -40 - 3241241



Ferrule, Length: 40 mm, Color: silver

Ferrule - A 95 -40 - 3241242



Ferrule, Length: 40 mm, Color: silver

DIN rail

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714



DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602



DIN rail 35 mm (NS 35)

High-current terminal block - PTPOWER 95-3L/N - 3260112

Accessories

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135



DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756



DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599



DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586



DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895



DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

High-current terminal block - PTPOWER 95-3L/N - 3260112

Accessories

End cap - NS 35/15 CAP - 1206573



DIN rail end piece, for DIN rail NS 35/15

End block

End clamp - E/AL-NS 35 - 1201662



End clamp, for end support of UKH 50 to UKH 240, is pushed onto DIN rail NS 35 and fixed with 2 screws, width: 10 mm, color: aluminum

Insertion bridge

Insertion bridge - EB 2-25/PT - 3260157



Insertion bridge, Pitch: 25 mm, Length: 73 mm, Width: 47.8 mm, Number of positions: 2, Color: red

Insertion bridge - EB 3-25/PT - 3260160



Insertion bridge, Pitch: 25 mm, Length: 73 mm, Width: 47.8 mm, Number of positions: 3, Color: red

Insertion bridge - EB 4-25/PT - 3260161



Insertion bridge, Pitch: 25 mm, Length: 74.5 mm, Width: 97.5 mm, Number of positions: 4, Color: red

High-current terminal block - PTPOWER 95-3L/N - 3260112

Accessories

Insertion bridge - EBK 4-25/PT - 3260162



Short-circuit jumper for grounding and short-circuiting, short-circuit currents of 800 A/15 s, 1300 A/5 s, 2700 A/10 ms, length: 74.5 mm, width: 140.5 mm, number of positions: 3, color: green-yellow

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

High-current terminal block - PTPOWER 95-3L/N - 3260112

Accessories

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

Labeled terminal marker

Zack marker strip - ZB 16 CUS - 0827463



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 16.3 mm, Lettering field: 10.5 x 16.25 mm

Marker for terminal blocks - UC-TM 16 CUS - 0824621



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: 16 mm, Lettering field: 15.45 x 10.5 mm

High-current terminal block - PTPOWER 95-3L/N - 3260112

Accessories

Marker for terminal blocks - UCT-TM 16 CUS - 0829637



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: 16 mm, Lettering field: 14.8 x 9.6 mm

Zack Marker strip, flat - ZBF 16 CUS - 0827465



Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 16 mm, Lettering field: 5.15 x 16 mm

Marker for terminal blocks - UC-TMF 16 CUS - 0824678



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 16 mm, Lettering field: 15.45 x 5.1 mm

Marker for terminal blocks - UCT-TMF 16 CUS - 0829693



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 16 mm, Lettering field: 15.2 x 4.7 mm

Pick-off terminal block

Pick-off terminal block - AGK 10-PTPOWER - 3260145



Pick-off terminal block, Connection method: Push-in connection, Cross section: 0.5 mm² - 16 mm², AWG: 20 - 6, Width: 18.5 mm, Height: 34.7 mm, Color: gray, Mounting type: On base element

High-current terminal block - PTPOWER 95-3L/N - 3260112

Accessories

Pick-off terminal block - AGK 10-PTPOWER BU - 3260148



Pick-off terminal block, Connection method: Push-in connection, Cross section: 0.5 mm² - 16 mm², AWG: 20 - 6, Width: 18.5 mm, Height: 34.7 mm, Color: blue, Mounting type: On base element

Pick-off terminal block - AGK 10-PTPOWER GN/YE - 3260151



Pick-off terminal block, Connection method: Push-in connection, Cross section: 0.5 mm² - 16 mm², AWG: 20 - 6, Width: 18.5 mm, Height: 34.7 mm, Color: green/yellow, Mounting type: On base element

Pick-off terminal block - AGK 10-PTPOWER BK/YE - 3260154



Pick-off terminal block, Connection method: Push-in connection, Cross section: 0.5 mm² - 16 mm², AWG: 20 - 6, Width: 18.5 mm, Height: 34.7 mm, Color: black/yellow, Mounting type: On base element

Planning and marking software

Software - CLIP-PROJECT ADVANCED - 5146040



Multilingual software for convenient configuration of Phoenix Contact products on standard DIN rails.

Software - CLIP-PROJECT PROFESSIONAL - 5146053



Multilingual software for terminal strip configuration. A marking module enables the professional marking of markers and labels for identifying terminal blocks, conductors and cables, and devices.

Screwdriver tools

High-current terminal block - PTPOWER 95-3L/N - 3260112

Accessories

Screwdriver - SZF 3-1,0X5,5 - 1206612



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip

Terminal marking

Marker for terminal blocks - TMT (EX9,5)R - 0828295



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, Mounting type: Snap into universal marker groove, Snap into tall marker groove, Lettering field: 9.5 x 50000 mm

Marker for terminal blocks - US-TM 100 - 0829255



Marker for terminal blocks, Card, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, Mounting type: Snap into universal marker groove, Lettering field: 104 x 9.8 mm

Zack marker strip - ZB 16:UNPRINTED - 0827461



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 16 mm, Lettering field: 16 x 10.5 mm

Marker for terminal blocks - UC-TM 16 - 0819217



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 16 mm, Lettering field: 15.45 x 10.5 mm

High-current terminal block - PTPOWER 95-3L/N - 3260112

Accessories

Marker for terminal blocks - UCT-TM 16 - 0829146



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, THERMOMARK PRIME, Mounting type: Snap into tall marker groove, for terminal block width: 16 mm, Lettering field: 14.8 x 9.6 mm

Zack Marker strip, flat - ZBF 16:UNPRINTED - 0827464



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, Lettering field: 16.25 x 10.5 mm

Marker for terminal blocks - UC-TMF 16 - 0819262



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 16 mm, Lettering field: 15.45 x 5.1 mm

Marker for terminal blocks - UCT-TMF 16 - 0829218



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, THERMOMARK PRIME, Mounting type: Snap into flat marker groove, for terminal block width: 16 mm, Lettering field: 15.2 x 4.7 mm

Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm² conductor cross section, Color: silver