

## 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, nom. voltage: 1000 V AC / 1500 V DC, nominal current: 232 A, connection method: Power-Turn connection, number of connections: 8, number of positions: 4, cross section: 25 mm<sup>2</sup> - 95 mm<sup>2</sup>, AWG: 4 - 4/0, width: 100 mm, color: gray/blue, mounting type: NS 35/15

### 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 connection, 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

RoHS

COMPLETE

### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
GTIN	 4 046356 778763
GTIN	4046356778763
Weight per Piece (excluding packing)	800.000 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Number of positions	4
Number of levels	1
Number of connections	8
Potentials	4

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

## Technical data

### General

Nominal cross section	95 mm <sup>2</sup>
Color	gray/blue
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 power dissipation for nominal condition	7.54 W
Maximum load current	232 A (with 95 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	232 A
Nominal voltage U <sub>N</sub>	1000 V AC
	1500 V DC
Open side panel	No
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
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
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
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	1 level
------------	---------

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

## Technical data

### Connection data

Connection method	Power-Turn connection
Stripping length	40 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	25 mm <sup>2</sup>
Conductor cross section solid max.	95 mm <sup>2</sup>
Conductor cross section AWG min.	4
Conductor cross section AWG max.	4/0
Conductor cross section flexible min.	25 mm <sup>2</sup>
Conductor cross section flexible max.	95 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	95 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	95 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	70 mm <sup>2</sup>
Connection cross sections directly pluggable	25 mm <sup>2</sup> 95 mm <sup>2</sup>
Conductor cross section solid min.	25 mm <sup>2</sup>
Conductor cross section solid max.	95 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	95 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm <sup>2</sup>

### Standards and Regulations

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

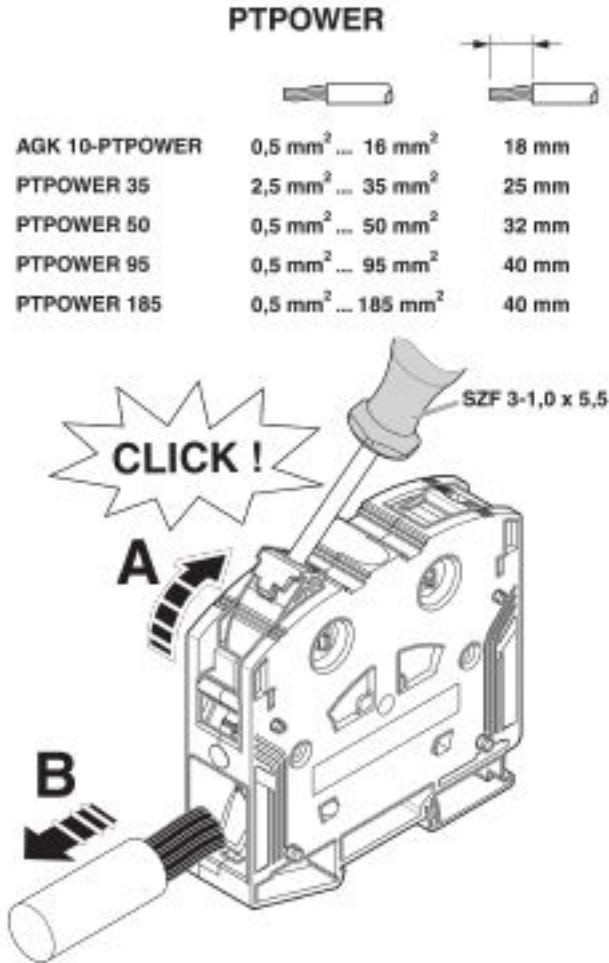
### Environmental Product Compliance

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

## Drawings

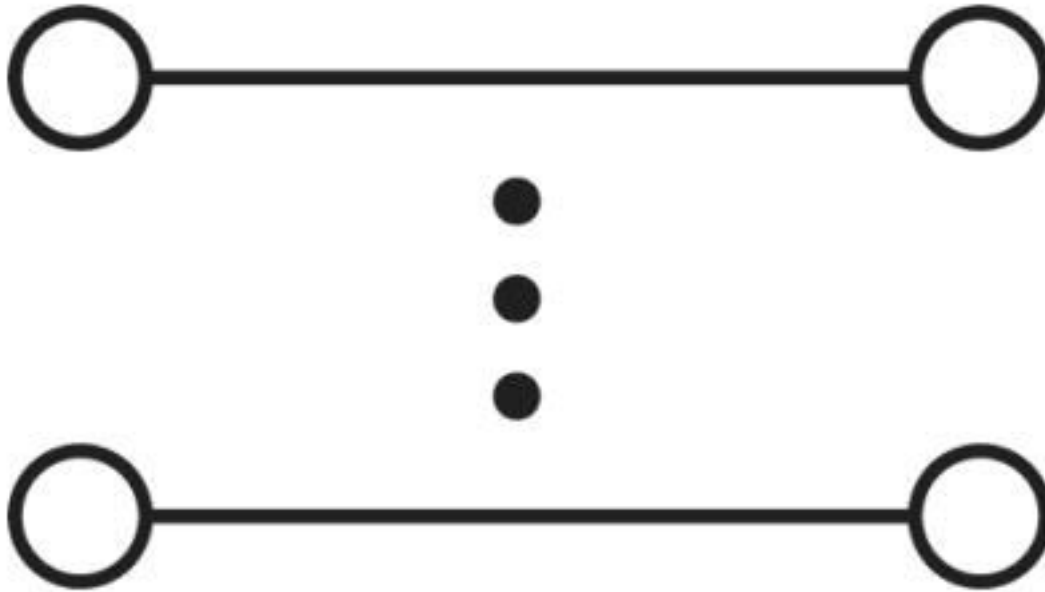
# High-current terminal block - PTPOWER 95-3L/N - 3260112

Schematic diagram



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

Circuit diagram



## Classifications

### eCl@ss

eCl@ss 10.0.1	27141120
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
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
ETIM 6.0	EC000897
ETIM 7.0	EC000897

### UNSPSC

UNSPSC 6.01	30211811
-------------	----------

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

## Classifications

### UNSPSC

UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

## Approvals

### Approvals


#### Approvals


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

#### Ex Approvals

### Approval details

DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAE00000Z9
--------	---	---	------------

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
	B	C	
Nominal voltage UN	600 V	1000 V	
Nominal current IN	230 A	230 A	
mm <sup>2</sup> /AWG/kcmil	4	4	

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
---------------	---	---	--------------

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

## Approvals

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
		C	
Nominal voltage UN	1000 V		
Nominal current IN	230 A		
mm <sup>2</sup> /AWG/kcmil	4		

EAC		RU C- DE.A*30.B.01742
-----	--	--------------------------

EAC		RU C- DE.AI30.B.01102
-----	--	--------------------------

EAC		RU C- DE.BL08.B.00644
-----	--	--------------------------

cULus Recognized		
------------------	--	--

## Accessories

### Accessories

#### Cable end sleeve

Ferrule - A 25 -40 - 3241238



Ferrule, length: 40 mm, color: silver

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

### Accessories

Ferrule - A 35 -40 - 3241239



Ferrule, length: 40 mm, color: silver

---

Ferrule - A 50 -40 - 3241240



Ferrule, length: 40 mm, color: silver

---

Ferrule - A 70 -40 - 3241241



Ferrule, length: 40 mm, color: silver

---

Ferrule - A 95 -40 - 3241242



Ferrule, length: 40 mm, color: silver

---

### Crimping tool

Crimping pliers - CRIMPFOX 25R - 1212039



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 10 mm<sup>2</sup> ... 25 mm<sup>2</sup>, lateral entry, WM crimp

---



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

### Accessories

Crimping pliers - CRIMPFOX 50R - 1212041



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 35 mm<sup>2</sup> ... 50 mm<sup>2</sup>, lateral entry, WM crimp

---

Crimping pliers - CRIMPFOX-M - 1212072



Basic pliers, for accommodating dies for a wide range of type of contacts

---

Crimping pliers - CRIMPFOX-C120 - 1212318



Basic pliers, for accommodating dies for a wide range of type of contacts up to 120 mm<sup>2</sup>

---

### DIN rail

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



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

---

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, length: 2000 mm, color: silver

---

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

### Accessories

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



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

---

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, Galvanized, white passivated, length: 2000 mm, color: silver

---

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Aluminum, uncoated, length: 2000 mm, color: silver

---

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



DIN rail perforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

---

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Steel, galvanized, length: 2000 mm, color: silver

---

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

### Accessories

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



DIN rail, unperforated, Standard profile, width: 35 mm, height: 15 mm, similar to EN 60715, material: Copper, uncoated, length: 2000 mm, color: copper-colored

---

End cap - NS 35/15 CAP - 1206573



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

---

### Documentation

Mounting material - PTPOWER-IL - 1180891



Operating decal for the PTPOWER

---

### 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

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

### Accessories

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



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



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

### Accessories

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



Insulating sleeve - MPS-IH GN - 0201702

Insulating sleeve, color: green



Insulating sleeve - MPS-IH GY - 0201728

Insulating sleeve, color: gray



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

### Accessories

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 mm, lettering field size: 10.5 x 16 mm, Number of individual labels: 5

---

Zack marker strip - ZB 16,LGS:L1-N,PE - 0827462



Zack marker strip, Strip, white, labeled, printed horizontally: L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 16.3 mm, lettering field size: 10.5 x 16.25 mm, Number of individual labels: 5

---

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 size: 15.45 x 10.5 mm, Number of individual labels: 32

---

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 size: 14.8 x 9.6 mm, Number of individual labels: 18

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

### Accessories

#### 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 size: 5.15 x 16 mm, Number of individual labels: 5

---

#### 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 size: 15.45 x 5.1 mm, Number of individual labels: 32

---

#### 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 size: 15.2 x 4.7 mm, Number of individual labels: 24

---

### Pick-off terminal block

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



Pick-off terminal block, For use with PTPOWER 50, 95, 150, and 185 Power-Turn high-current terminal blocks, nom. voltage: 1500 V, nominal current: 57 A, connection method: Push-in connection, number of connections: 2, cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG: 20 - 6, width: 18.5 mm, height: 34.7 mm, color: gray, mounting type: on base element

---

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



Pick-off terminal block, For use with PTPOWER 50, 95, 150, and 185 Power-Turn high-current terminal blocks, nom. voltage: 1500 V, nominal current: 57 A, connection method: Push-in connection, number of connections: 2, cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG: 20 - 6, width: 18.5 mm, height: 34.7 mm, color: blue, mounting type: on base element

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

### Accessories

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



Pick-off terminal block, For use with PTPOWER 50, 95, 150, and 185 Power-Turn high-current terminal blocks, nom. voltage: 1500 V, nominal current: 57 A, connection method: Push-in connection, number of connections: 2, cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, 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, For use with PTPOWER 50, 95, 150, and 185 Power-Turn high-current terminal blocks, nom. voltage: 1500 V, nominal current: 57 A, connection method: Push-in connection, number of connections: 2, cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, 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

#### 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



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

### Accessories

---

#### Terminal marking

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



Marker for terminal blocks. Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: snap into universal marker groove, snap into tall marker groove, for terminal block width: 50000 mm, lettering field size: 9.5 x 50000 mm, Number of individual labels: 1

---

##### Marker for terminal blocks - US-TM 100 - 0829255



Marker for terminal blocks. Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into universal marker groove, lettering field size: 104 x 9.8 mm, Number of individual labels: 13

---

##### Zack marker strip - ZB 16:UNPRINTED - 0827461



Zack marker strip. Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 16 mm, lettering field size: 16 x 10.5 mm, Number of individual labels: 50

---

##### Marker for terminal blocks - UC-TM 16 - 0819217



Marker for terminal blocks. Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 16 mm, lettering field size: 15.45 x 10.5 mm, Number of individual labels: 32

---

##### Marker for terminal blocks - UCT-TM 16 - 0829146



Marker for terminal blocks. Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into tall marker groove, for terminal block width: 16 mm, lettering field size: 14.8 x 9.6 mm, Number of individual labels: 18

---

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

### Accessories

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



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 16 mm, lettering field size: 16.25 x 10.5 mm, Number of individual labels: 50

Marker for terminal blocks - UC-TMF 16 - 0819262



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 16 mm, lettering field size: 15.45 x 5.1 mm, Number of individual labels: 32

Marker for terminal blocks - UCT-TMF 16 - 0829218



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 16 mm, lettering field size: 15.2 x 4.7 mm, Number of individual labels: 24

Test plug terminal block

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm<sup>2</sup> conductor cross section, color: gray

Warning label printed

Cover - CEC PTPOWER 95/185 - 1056087



Cover, yellow, labeled: Lightning flash, mounting type: plug in

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

## Accessories

---

---

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>