

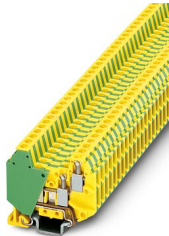
MT 1,5-QUATTRO-PE - Ground terminal



3001695

<https://www.phoenixcontact.com/us/products/3001695>

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.



Ground terminal, When aligning with a feed-through terminal block of the same shape, an end cover must be interposed for insulation voltages of $> 320\text{ V}$, number of connections: 4, connection method: Screw connection, cross section: $0.14\text{ mm}^2 - 1.5\text{ mm}^2$, mounting type: NS 15, color: green-yellow

Your advantages

- Corrosion-free terminal points
- Low contact resistance
- Captive terminal block screws
- Green-yellow housing

Commercial Data

Item number	3001695
Packing unit	1 pc
Minimum order quantity	50 pc
Sales Key	BE12
Product Key	BE1261
Catalog Page	Page 557 (C-1-2019)
GTIN	4017918107208
Weight per Piece (including packing)	4.89 g
Weight per Piece (excluding packing)	4.89 g
Customs tariff number	85369010
Country of origin	TR

MT 1,5-QUATTRO-PE - Ground terminal



3001695

<https://www.phoenixcontact.com/us/products/3001695>

Technical Data

Notes

General	When aligning with a feed-through terminal block of the same shape, an end cover must be interposed for insulation voltages of > 320 V
---------	--

Product properties

Product type	Ground terminal block
Number of connections	4
Number of rows	2

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0.56 W

Connection data

Grounding foot	Yes
Number of connections per level	4
Nominal cross section	1.5 mm ²

Level 1 above 1+2 below 1+2

Screw thread	M2
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.22 ... 0.25 Nm
Stripping length	6 mm
Internal cylindrical gage	A1
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.14 mm ² ... 1.5 mm ²
Cross section AWG	26 ... 16 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross section, flexible [AWG]	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 0.75 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 0.75 mm ²

Dimensions

Width	4.2 mm
Height	33.5 mm
Height NS 15	30 mm
Height (inch)	1.181 "
Depth on NS 15	30 mm

MT 1,5-QUATTRO-PE - Ground terminal



3001695

<https://www.phoenixcontact.com/us/products/3001695>

Length	33.5 mm
--------	---------

Material specifications

Color	green-yellow
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

Mechanical properties

Mechanical data

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

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-2
----------------------------------	---------------

Mounting

Mounting type	NS 15
---------------	-------

MT 1,5-QUATTRO-PE - Ground terminal

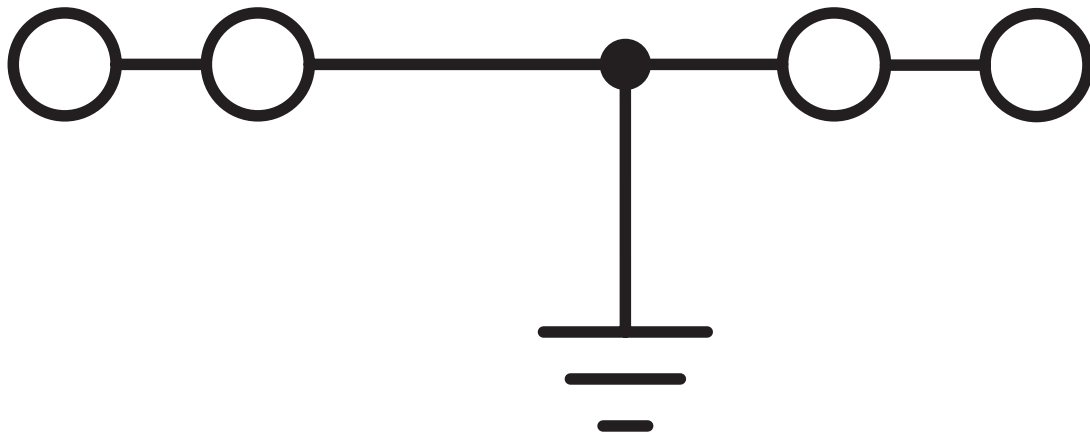
3001695

<https://www.phoenixcontact.com/us/products/3001695>



Drawings

Circuit diagram



MT 1,5-QUATTRO-PE - Ground terminal



3001695

<https://www.phoenixcontact.com/us/products/3001695>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3001695>

DNV

Approval ID: TAE00001CT



CSA

Approval ID: 13631

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	-	-	28 - 14	-



EAC

Approval ID: RU C-DE.AI30.B.01102



cULus Recognized

Approval ID: E60425

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B	-	-	30 - 14	-
Use group F	-	-	30 - 14	-
Use group D	-	-	30 - 14	-

CCA

Approval ID: NTR-NL 4242

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	-	-	-	- 1.5



LR

Approval ID: LR2041789TA-02



BV

Approval ID: 07774/E0 BV



EAC

Approval ID: RU C-DE.BL08.B.00534

MT 1,5-QUATTRO-PE - Ground terminal



3001695

<https://www.phoenixcontact.com/us/products/3001695>

Classifications

ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

ETIM

ETIM 8.0	EC000901
----------	----------

UNSPSC

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

MT 1,5-QUATTRO-PE - Ground terminal



3001695

<https://www.phoenixcontact.com/us/products/3001695>

Environmental Product Compliance

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

MT 1,5-QUATTRO-PE - Ground terminal



3001695

<https://www.phoenixcontact.com/us/products/3001695>

Accessories

SZS 0,4X2,5 VDE - Screwdriver

1205037

<https://www.phoenixcontact.com/us/products/1205037>



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

NS 15 UNPERF 2000MM VPE 10 - DIN rail, unperforated

1401695

<https://www.phoenixcontact.com/us/products/1401695>



DIN rail, unperforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 10 (20 m)

MT 1,5-QUATTRO-PE - Ground terminal

3001695

<https://www.phoenixcontact.com/us/products/3001695>



NS 15 PERF 2000MM VPE 10 - DIN rail perforated

1401682

<https://www.phoenixcontact.com/us/products/1401682>



DIN rail perforated, acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver, Pack of 10 (20 m)

NS 15 AL PERF 2000MM VPE 10 - DIN rail perforated

1401763

<https://www.phoenixcontact.com/us/products/1401763>



DIN rail perforated, acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver, Pack of 10 (20 m)

MT 1,5-QUATTRO-PE - Ground terminal

3001695

<https://www.phoenixcontact.com/us/products/3001695>



NS 15 WH PERF 2000MM-VPE 10 - DIN rail perforated

1204096

<https://www.phoenixcontact.com/us/products/1204096>



DIN rail perforated, acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver, Pack of 10 (20 m)

ZBF 4:UNBEDRUCKT - Zack Marker strip, flat

0808587

<https://www.phoenixcontact.com/us/products/0808587>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snapped, for terminal block width: 4 mm, lettering field size: 4.2 x 5.2 mm, Number of individual labels: 10

MT 1,5-QUATTRO-PE - Ground terminal

3001695

<https://www.phoenixcontact.com/us/products/3001695>



ZBF 4 CUS - Zack Marker strip, flat

0825023

<https://www.phoenixcontact.com/us/products/0825023>



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: 4.2 mm, lettering field size: 4.2 x 5.2 mm, Number of individual labels: 10

ZBF 4,LGS:FORTL.ZAHLEN - Zack Marker strip, flat

0808626

<https://www.phoenixcontact.com/us/products/0808626>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 4 mm, lettering field size: 4.2 x 5.2 mm, Number of individual labels: 10

MT 1,5-QUATTRO-PE - Ground terminal

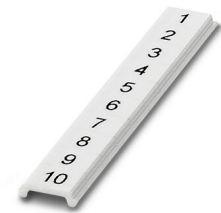
3001695

<https://www.phoenixcontact.com/us/products/3001695>

ZBF 4,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0808820

<https://www.phoenixcontact.com/us/products/0808820>



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 4 mm, lettering field size: 4.2 x 5.2 mm, Number of individual labels: 10

ZBF 4,LGS:GERADE ZAHLEN - Zack Marker strip, flat

0810818

<https://www.phoenixcontact.com/us/products/0810818>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive even numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: snapped, for terminal block width: 4 mm, lettering field size: 5.15 x 4.15 mm, Number of individual labels: 10

MT 1,5-QUATTRO-PE - Ground terminal

3001695

<https://www.phoenixcontact.com/us/products/3001695>



ZBF 4,LGS:UNGERADE ZAHLEN - Zack Marker strip, flat

0810850

<https://www.phoenixcontact.com/us/products/0810850>

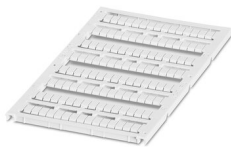


Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: snapped, for terminal block width: 4 mm, lettering field size: 5.15 x 4.15 mm, Number of individual labels: 10

UC-TMF 4 - Marker for terminal blocks

0818166

<https://www.phoenixcontact.com/us/products/0818166>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 3.6 x 5.1 mm, Number of individual labels: 120

MT 1,5-QUATTRO-PE - Ground terminal

3001695

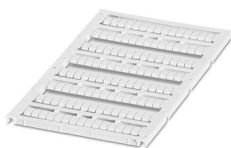
<https://www.phoenixcontact.com/us/products/3001695>



UC-TMF 4 CUS - Marker for terminal blocks

0824630

<https://www.phoenixcontact.com/us/products/0824630>



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: 4.2 mm, lettering field size: 3.6 x 5.1 mm, Number of individual labels: 120

UCT-TMF 4 - Marker for terminal blocks

0828742

<https://www.phoenixcontact.com/us/products/0828742>



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: snapped, for terminal block width: 4.2 mm, lettering field size: 3.4 x 4.7 mm, Number of individual labels: 90

MT 1,5-QUATTRO-PE - Ground terminal

3001695

<https://www.phoenixcontact.com/us/products/3001695>



UCT-TMF 4 CUS - Marker for terminal blocks

0829651

<https://www.phoenixcontact.com/us/products/0829651>



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: 4.2 mm, lettering field size: 3.4 x 4.7 mm, Number of individual labels: 90

PAI-4 - Test adapter

3030925

<https://www.phoenixcontact.com/us/products/3030925>



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 4.2 mm pitch, number of positions: 1, color: gray

MT 1,5-QUATTRO-PE - Ground terminal

3001695

<https://www.phoenixcontact.com/us/products/3001695>



CLIPFIX 15 - End clamp

3022263

<https://www.phoenixcontact.com/us/products/3022263>

Snap-on end bracket, to be snapped onto NS 15 DIN rail



Phoenix Contact 2023 © - 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