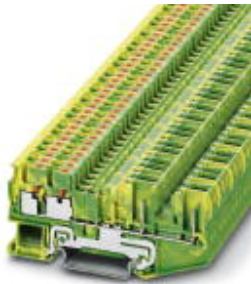**PHŒNIX CONTACT**

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

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://download.phoenixcontact.com)

Ground modular terminal block, Connection method: Push-in / plug connection, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

Product Features

☑ 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 and front connection enable wiring in a confined space

☑ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection

☑ Tested for railway applications

Key commercial data

Packing unit	1 PCE
Minimum order quantity	50 PCE
Weight per Piece (excluding packing)	13.2 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	4
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Rated surge voltage	6 kV

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Technical data

General

Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Open side panel	ja
Insertion/withdrawal cycles mechanical	100
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	f_1 = 5 Hz to f_2 = 150 Hz
ASD level	1.857 $(m/s^2)^2$/Hz
Acceleration	0.8 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	5 g
Shock duration	30 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	5.2 mm
Length	81 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	2.5 mm²
Min. AWG conductor cross section, stranded	26

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Technical data

Connection data

Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Connection method	Push-in / plug connection
Minimum stripping length	8 mm
Maximum stripping length	10 mm
Internal cylindrical gage	A3

Classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141

ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901

UNSPSC

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

Approvals

Approvals

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / LR / GL / RS / ABS / NK / BV / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

mm²/AWG/kcmil	26-12

UL Recognized

	B	C
mm²/AWG/kcmil	26-12	26-12

cUL Recognized

	B	C
mm²/AWG/kcmil	26-12	26-12

LR

GL

RS

ABS

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Approvals

NK

BV

cULus Recognized

Accessories

Accessories

Bridge

Plug-in bridge - FBS 2-5 - 3030161

Plug-in bridge, Number of positions: 2, Color: red

Plug-in bridge - FBS 3-5 - 3030174

Plug-in bridge, Number of positions: 3, Color: red

Plug-in bridge - FBS 4-5 - 3030187

Plug-in bridge, Number of positions: 4, Color: red

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Plug-in bridge - FBS 5-5 - 3030190

Plug-in bridge, Number of positions: 5, Color: red

Plug-in bridge - FBS 10-5 - 3030213

Plug-in bridge, Number of positions: 10, Color: red

Plug-in bridge - FBS 20-5 - 3030226

Plug-in bridge, Number of positions: 20, Color: red

Plug-in bridge - FBS 50-5 - 3038930

Plug-in bridge, Number of positions: 50, Color: red

Reducing bridge - RB ST (2,5/4)-1,5 - 3038943

Reducing bridge, Number of positions: 2, Color: red

Documentation

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Mounting material - PT-IL - 3208090

Operating decal for the Push-in Technology

End block

End clamp - CLIPFIX 35 - 3022218

Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

End clamp - CLIPFIX 35-5 - 3022276

Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp - E/NS 35 N - 0800886

End clamp, width: 9.5 mm, color: gray

End cover

End cover - D-ST 2,5-QUATTRO/ 2P - 3040083

End cover, Length: 81 mm, Width: 2.2 mm, Height: 36.5 mm, Color: gray

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Spacer plate - DP PS-5 - 3036725

Spacer plate, Color: red

Flange

Screw flange - ST 2,5-QUATTRO/2P-F - 3209853

Screw flange, for screwing COMBI plugs, with the same structure and pitch as the relevant COMBI terminal blocks

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Self-locking flange - ST 2,5-QUATTRO/2P-FS - 3061392

Self-locking flange, Width: 5.2 mm, Height: 35.3 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

Insulating sleeve, Color: white

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Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

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

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Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Insulating sleeve - MPS-IH BK - 0201731

Insulating sleeve, Color: black

Insulation stop sleeve - ISH 2,5/0,2 - 3002843

Insulation stop sleeve, Color: white

Insulation stop sleeve - ISH 2,5/0,5 - 3002856

Insulation stop sleeve, Color: gray

Insulation stop sleeve - ISH 2,5/1,0 - 3002869

Insulation stop sleeve, Color: black

Labeled terminal marker

Zack marker strip - ZB 5 CUS - 0824962

Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

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Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Marker for terminal blocks - UC-TM 5 CUS - 0824581

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: 5.2 mm, Lettering field: 10.5 x 4.6 mm

Marker for terminal blocks - UCT-TM 5 CUS - 0829595

Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, Lettering field: 4.6 x 10.5 mm

Zack Marker strip, flat - ZBF 5 CUS - 0825025

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: 5 mm, Lettering field: 5.15 x 5.15 mm

Marker for terminal blocks - UC-TMF 5 CUS - 0824638

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: 5.2 mm, Lettering field: 4.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 5 CUS - 0829658

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: 5.2 mm, Lettering field: 4.4 x 4.7 mm

Marker carriers

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Group marker label for terminal marking - GBS-ZB/26X6 - 0809298

Group marking label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with ESL 26x6 mm or EST 25x6 mm, in the foot part with Zack marker strip, length: 29 mm

Mounting rail

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733

DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681

DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/ 7,5 WH PERF 2000MM - 1204119

DIN rail 35 mm (NS 35)

DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122

DIN rail 35 mm (NS 35)

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704

DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

DIN rail - NS 35/ 7,5 ZN PERF 2000MM - 1206421

DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434

DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762

DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

End cap - NS 35/ 7,5 CAP - 1206560

DIN rail end piece, for DIN rail NS 35/7.5

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

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 - NS 35/15 UNPERF 2000MM - 1201714

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

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

DIN rail 35 mm (NS 35)

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

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

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

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

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

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

DIN rail - 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

End cap - NS 35/15 CAP - 1206573

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

DIN rail - NS 35/15-2,3 UNPERF 2000MM - 1201798

DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

Partition plate

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Partition plate - ATP-ST QUATTRO - 3030815

Partition plate, Length: 90.9 mm, Width: 2 mm, Height: 45 mm, Color: gray

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Planning and marking software

Software - CLIP-PROJECT ADVANCED - 5146040

Multilingual software for easy planning of Phoenix Contact on DIN rails together with the integrated TRABTECH-select software module for planning comprehensive surge protection concepts.

Software - CLIP-PROJECT PROFESSIONAL - 5146053

Multi-lingual software for terminal strip project planning. A marking module allows professional labeling of markers and labels for marking terminal blocks, conductors, cables and devices. The additionally integrated software module TRABTECH-select for planning comprehensive surge protection concepts.

Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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Terminal marking

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Group marker label for terminal marking - GBS 5-25X12 - 0810588

Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004

Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.1 x 10.5 mm

Marker for terminal blocks - UC-TM 5 - 0818108

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: 5.2 mm, Lettering field: 10.5 x 4.6 mm

Marker for terminal blocks - UCT-TM 5 - 0828734

Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 10.5 mm

Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642

Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

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Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Marker for terminal blocks - UC-TMF 5 - 0818153

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: 5.2 mm, Lettering field: 4.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 5 - 0828744

Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

Test plug terminal block

Test plugs - MPS-MT - 0201744

Test plugs, Color: silver

Test adapter - PAI-4-FIX-5/6 BU - 3035975

Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Blue

Test adapter - PAI-4-FIX-5/6 OG - 3035974

Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Orange

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Test adapter - PAI-4-FIX-5/6 YE - 3035977

Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Yellow

Test adapter - PAI-4-FIX-5/6 RD - 3035976

Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Red

Test adapter - PAI-4-FIX-5/6 GN - 3035978

Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Green

Test adapter - PAI-4-FIX-5/6 BK - 3035980

Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Black

Test adapter - PAI-4-FIX-5/6 GY - 3035982

Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Gray

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Test adapter - PAI-4-FIX-5/6 VT - 3035979

Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Violet

Test adapter - PAI-4-FIX-5/6 BN - 3035981

Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft; color: Brown

Test adapter - PS-5 - 3030983

Test adapter, Color: red

Test plugs - PS-5/2,3MM RD - 3038723

Test plugs, Color: red

Additional products

Plug - PP-H 2,5/ 1 GNYE - 3210020

Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: green-yellow

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Plug - PP-H 2,5/1-L GNYE - 3210088

Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: green-yellow

Plug - PP-H 2,5/1-M GNYE - 3210114

Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: green-yellow

Plug - PP-H 2,5/1-R GNYE - 3210143

Plug, Connection method: Push-in connection, Number of positions: 1, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 5.2 mm, Height: 39 mm, Color: green-yellow

Flange cover - DF-SP-H 2,5 - 3209824

Flange cover, Length: 35.8 mm, Width: 4.5 mm, Height: 24.7 mm, Color: gray

Screw flange - ST 2,5-QUATTRO/2P-F - 3209853

Screw flange, for screwing COMBI plugs, with the same structure and pitch as the relevant COMBI terminal blocks

PHŒNIX CONTACT

Ground modular terminal block - PT 2,5-QUATTRO/2P-PE - 3209688

Accessories

Latching - PR/2 - 3040630

Latching, Number of positions: 2, Color: orange

Latching - PR - 3040559
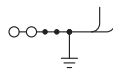
Latching, Number of positions: 1, Color: orange

Latching - PRZ - 3040614

Latching, Length: 3 mm, Width: 5.2 mm, Number of positions: 2, Color: orange

Drawings

Circuit diagram

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

http://moschip.ru/get-element

   Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное   производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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