

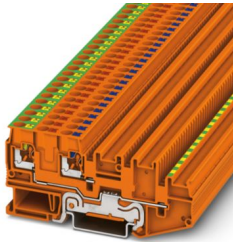
PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

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Sensor/actuator terminal block, Feed-in terminal with protective conductor function, nom. voltage: 250 V, nominal current: 20 A, number of connections: 3, connection method: Push-in connection, Rated cross section: 2.5 mm², cross section: 0.2 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: orange

Your advantages

- 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

Commercial data

Item number	3244481
Packing unit	50 pc
Minimum order quantity	1 pc
Sales key	BE2218
Product key	BE2218
Catalog page	Page 41 (C-1-2019)
GTIN	4046356735896
Weight per piece (including packing)	18,374 g
Weight per piece (excluding packing)	18 g
Customs tariff number	85369010
Country of origin	PL

3244481

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Technical data

Product properties

Product type	Sensor/actuator terminal block
Number of connections	3
Number of rows	4
Potentials	3

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	2.5 mm ²
Note	Please observe the current carrying capacity of the DIN rails.
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-1/IEC 60947-7-2
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.2 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.2 mm ² ... 2.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ²
Nominal current	20 A
Maximum load current	20 A
Nominal voltage	250 V
Nominal cross section	2.5 mm ²

Connection cross sections directly pluggable

Conductor cross section rigid	0.34 mm ² ... 4 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm ² ... 2.5 mm ²

Dimensions

Width	7 mm
End cover width	2.2 mm

3244481

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Height	90.8 mm
Depth on NS 35/7,5	41.5 mm
Depth on NS 35/15	49 mm

Material specifications

Color	orange
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

Electrical tests

Surge voltage test

Test voltage setpoint	4.8 kV
Result	Test passed

Temperature-rise test

Requirement temperature-rise test	Increase in temperature \leq 45 K
Result	Test passed
Short-time withstand current 4 mm ²	0.36 kA
	0.48 kA
Result	Test passed

Power-frequency withstand voltage

Test voltage setpoint	1.5 kV
Result	Test passed

Mechanical properties

Mechanical data

Open side panel	Yes
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Mechanical tests

Mechanical strength

Result	Test passed
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Attachment on the carrier

DIN rail/fixing support	NS 35
Test force setpoint	1 N
Result	Test passed

Test for conductor damage and slackening

Rotation speed	10 rpm
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3244481

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Revolutions	135
Conductor cross section/weight	0.2 mm ² / 0.2 kg
	2.5 mm ² / 0.7 kg
	4 mm ² / 0.9 kg
Result	Test passed

Environmental and real-life conditions

Aging

Temperature cycles	192
Result	Test passed

Needle-flame test

Time of exposure	30 s
Result	Test passed

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Spectrum	Service life test category 2, bogie-mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$
ASD level	6.12 (m/s ²) ² /Hz
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

Shocks

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, no longer than 24 h, -60°C to +70°C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60947-7-2
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PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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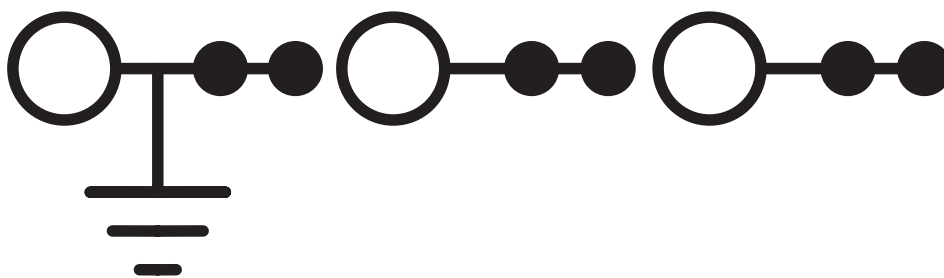
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Mounting

Mounting type	NS 35/7,5
	NS 35/15

Drawings

Circuit diagram



PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block





3244481


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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/nl/producten/3244481>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	10 A	24 - 12	-
PE connection	-	-	24 - 12	-
Use group C				
	150 V	16 A	24 - 12	-
PE connection	-	-	24 - 12	-
Use group D				
	300 V	10 A	24 - 12	-
PE connection	-	-	24 - 12	-

 EAC Approval ID: RU C-DE.BL08.B.00644				
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 cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	10 A	24 - 12	-
PE connection	-	-	24 - 12	-
Use group C				
	150 V	16 A	24 - 12	-
PE connection	-	-	24 - 12	-
Use group D				
	300 V	10 A	24 - 12	-
PE connection	-	-	24 - 12	-

3244481

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Classifications

ECLASS

ECLASS-11.0	27141128
ECLASS-12.0	27141128
ECLASS-13.0	27250112

ETIM

ETIM 9.0	EC000900
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

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

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Accessories

 Note: Applying some accessories below might limit this product.


FBS 2-3,5 - Plug-in bridge

3213014

<https://www.phoenixcontact.com/nl/producten/3213014>



Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: red

 Max. current carrying capacity: 17.5 A


FBS 3-3,5 - Plug-in bridge

3213027

<https://www.phoenixcontact.com/nl/producten/3213027>



Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: red

 Max. current carrying capacity: 17.5 A

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

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FBS 4-3,5 - Plug-in bridge

3213030

<https://www.phoenixcontact.com/nl/producten/3213030>



Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: red

 Max. current carrying capacity: 17.5 A


FBS 5-3,5 - Plug-in bridge

3213043

<https://www.phoenixcontact.com/nl/producten/3213043>



Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: red

 Max. current carrying capacity: 17.5 A

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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FBS 10-3,5 - Plug-in bridge

3213056

<https://www.phoenixcontact.com/nl/producten/3213056>



Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: red

 Max. current carrying capacity: 17.5 A


FBS 20-3,5 - Plug-in bridge

3213069

<https://www.phoenixcontact.com/nl/producten/3213069>



Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: red

 Max. current carrying capacity: 17.5 A

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

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FBS 50-3,5 - Plug-in bridge

3000706

<https://www.phoenixcontact.com/nl/producten/3000706>



Plug-in bridge, pitch: 3.5 mm, number of positions: 50, color: red

 Max. current carrying capacity: 17.5 A


FBS 2-3,5 BU - Plug-in bridge

3213086

<https://www.phoenixcontact.com/nl/producten/3213086>



Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: blue

 Max. current carrying capacity: 17.5 A

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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FBS 3-3,5 BU - Plug-in bridge

3213099

<https://www.phoenixcontact.com/nl/producten/3213099>



Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: blue

 Max. current carrying capacity: 17.5 A


FBS 4-3,5 BU - Plug-in bridge

3213109

<https://www.phoenixcontact.com/nl/producten/3213109>



Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: blue

 Max. current carrying capacity: 17.5 A

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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FBS 5-3,5 BU - Plug-in bridge

3213112

<https://www.phoenixcontact.com/nl/producten/3213112>



Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: blue

 Max. current carrying capacity: 17.5 A

FBS 10-3,5 BU - Plug-in bridge

3213125

<https://www.phoenixcontact.com/nl/producten/3213125>



Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: blue

 Max. current carrying capacity: 17.5 A

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

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FBS 20-3,5 BU - Plug-in bridge

3213138

<https://www.phoenixcontact.com/nl/producten/3213138>



Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: blue

 Max. current carrying capacity: 17.5 A


FBS 50-3,5 BU - Plug-in bridge

3000708

<https://www.phoenixcontact.com/nl/producten/3000708>



Plug-in bridge, pitch: 3.5 mm, number of positions: 50, color: blue

 Max. current carrying capacity: 17.5 A

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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FBS 2-3,5 GY - Plug-in bridge

3213153

<https://www.phoenixcontact.com/nl/producten/3213153>



Plug-in bridge, pitch: 3.5 mm, number of positions: 2, color: gray

 Max. current carrying capacity: 17.5 A


FBS 3-3,5 GY - Plug-in bridge

3213167

<https://www.phoenixcontact.com/nl/producten/3213167>



Plug-in bridge, pitch: 3.5 mm, number of positions: 3, color: gray

 Max. current carrying capacity: 17.5 A

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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FBS 4-3,5 GY - Plug-in bridge

3213180

<https://www.phoenixcontact.com/nl/producten/3213180>



Plug-in bridge, pitch: 3.5 mm, number of positions: 4, color: gray

 Max. current carrying capacity: 17.5 A


FBS 5-3,5 GY - Plug-in bridge

3213183

<https://www.phoenixcontact.com/nl/producten/3213183>



Plug-in bridge, pitch: 3.5 mm, number of positions: 5, color: gray

 Max. current carrying capacity: 17.5 A

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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FBS 10-3,5 GY - Plug-in bridge

3213196

<https://www.phoenixcontact.com/nl/producten/3213196>



Plug-in bridge, pitch: 3.5 mm, number of positions: 10, color: gray

 Max. current carrying capacity: 17.5 A


FBS 20-3,5 GY - Plug-in bridge

3213206

<https://www.phoenixcontact.com/nl/producten/3213206>



Plug-in bridge, pitch: 3.5 mm, number of positions: 20, color: gray

 Max. current carrying capacity: 17.5 A

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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FBS 50-3,5 GY - Plug-in bridge

3000707

<https://www.phoenixcontact.com/nl/producten/3000707>



Plug-in bridge, pitch: 3.5 mm, number of positions: 50, color: gray

 Max. current carrying capacity: 17.5 A

D-PTIO 1,5/S/4 - End cover

3244588

<https://www.phoenixcontact.com/nl/producten/3244588>



End cover, depth: 33.8 mm, width: 2.2 mm, height: 90.8 mm, color: gray

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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CEC 2,5 - Filler plug

3062757

<https://www.phoenixcontact.com/nl/producten/3062757>



Cover for conductor shaft, 10-pos., for spring cage terminal blocks (ST) and terminal blocks with push-in technology (PT) with a width of 5.2 mm

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

0801733

<https://www.phoenixcontact.com/nl/producten/0801733>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

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

0801681

<https://www.phoenixcontact.com/nl/producten/0801681>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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

1204119

<https://www.phoenixcontact.com/nl/producten/1204119>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: silver

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204122

<https://www.phoenixcontact.com/nl/producten/1204122>



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

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

0801704

<https://www.phoenixcontact.com/nl/producten/0801704>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

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

1206421

<https://www.phoenixcontact.com/nl/producten/1206421>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

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

1206434

<https://www.phoenixcontact.com/nl/producten/1206434>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, Standard profile, color: silver

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

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NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

0801762

<https://www.phoenixcontact.com/nl/producten/0801762>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

NS 35/ 7,5 CAP - End cap

1206560

<https://www.phoenixcontact.com/nl/producten/1206560>

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



PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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NS 35/15 PERF 2000MM - DIN rail perforated

1201730

<https://www.phoenixcontact.com/nl/producten/1201730>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

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

1201714

<https://www.phoenixcontact.com/nl/producten/1201714>



DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

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

0806602

<https://www.phoenixcontact.com/nl/producten/0806602>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, Galvanized, white passivated, Standard profile, color: white

NS 35/15 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204135

<https://www.phoenixcontact.com/nl/producten/1204135>



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

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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

1201756

<https://www.phoenixcontact.com/nl/producten/1201756>



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver

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

1206599

<https://www.phoenixcontact.com/nl/producten/1206599>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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

1206586

<https://www.phoenixcontact.com/nl/producten/1206586>



DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, Standard profile, color: silver

NS 35/15 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201895

<https://www.phoenixcontact.com/nl/producten/1201895>



DIN rail, unperforated, Pack of 10 (20 m), similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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NS 35/15 CAP - End cap

1206573

<https://www.phoenixcontact.com/nl/producten/1206573>

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



NS 35/15-2,3 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201798

<https://www.phoenixcontact.com/nl/producten/1201798>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

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ZBF 5:UNBEDRUCKT - Zack Marker strip, flat

0808642

<https://www.phoenixcontact.com/nl/producten/0808642>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.1 x 5.2 mm, Number of individual labels: 10

ZBF 5 CUS - Zack Marker strip, flat

0825025

<https://www.phoenixcontact.com/nl/producten/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 size: 5.15 x 5.15 mm, Number of individual labels: 10

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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ZBF 5,LGS:FORTL.ZAHLEN - Zack Marker strip, flat

0808671

<https://www.phoenixcontact.com/nl/producten/0808671>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

ZBF 5,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0808697

<https://www.phoenixcontact.com/nl/producten/0808697>



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: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

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ZBF 5,LGS:GERADE ZAHLEN - Zack Marker strip, flat

0810821

<https://www.phoenixcontact.com/nl/producten/0810821>



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: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

ZBF 5,LGS:UNGERADE ZAHLEN - Zack Marker strip, flat

0810863

<https://www.phoenixcontact.com/nl/producten/0810863>



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: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



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UC-TMF 5 - Marker for terminal blocks

0818153

<https://www.phoenixcontact.com/nl/producten/0818153>

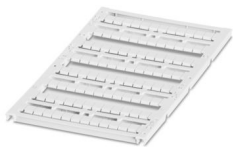


Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 4.6 x 5.1 mm, Number of individual labels: 96

UC-TMF 5 CUS - Marker for terminal blocks

0824638

<https://www.phoenixcontact.com/nl/producten/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 size: 4.6 x 5.1 mm, Number of individual labels: 96

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

UCT-TMF 5 - Marker for terminal blocks

0828744

<https://www.phoenixcontact.com/nl/producten/0828744>



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: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

UCT-TMF 5 CUS - Marker for terminal blocks

0829658

<https://www.phoenixcontact.com/nl/producten/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 size: 4.4 x 4.7 mm, Number of individual labels: 72

3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

ZB 5 :UNBEDRUCKT - Zack marker strip

1050004

<https://www.phoenixcontact.com/nl/producten/1050004>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.1 x 10.5 mm, Number of individual labels: 10

ZB 5 CUS - Zack marker strip

0824962

<https://www.phoenixcontact.com/nl/producten/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 size: 5.15 x 10.5 mm, Number of individual labels: 10

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

ZB 5,LGS:FORTL.ZAHLEN - Zack marker strip

1050017

<https://www.phoenixcontact.com/nl/producten/1050017>



Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

ZB 5,QR:FORTL.ZAHLEN - Zack marker strip

1050020

<https://www.phoenixcontact.com/nl/producten/1050020>



Zack marker strip, white, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

ZB 5,LGS:GLEICHE ZAHLEN - Zack marker strip

1050033

<https://www.phoenixcontact.com/nl/producten/1050033>

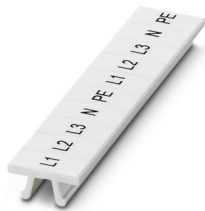


Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

ZB 5,LGS:L1-N,PE - Zack marker strip

1050415

<https://www.phoenixcontact.com/nl/producten/1050415>



Zack marker strip, Strip, white, labeled, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

UC-TM 5 - Marker for terminal blocks

0818108

<https://www.phoenixcontact.com/nl/producten/0818108>



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 96

UC-TM 5 CUS - Marker for terminal blocks

0824581

<https://www.phoenixcontact.com/nl/producten/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 size: 10.5 x 4.6 mm, Number of individual labels: 96

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

UCT-TM 5 - Marker for terminal blocks

0828734

<https://www.phoenixcontact.com/nl/producten/0828734>



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

UCT-TM 5 CUS - Marker for terminal blocks

0829595

<https://www.phoenixcontact.com/nl/producten/0829595>



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 size: 4.6 x 10.5 mm, Number of individual labels: 72

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

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

0810588

<https://www.phoenixcontact.com/nl/producten/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

GBS 5-25X5 - Group marker label for terminal marking

0829126

<https://www.phoenixcontact.com/nl/producten/0829126>



Group marking label, can be snapped into terminal center for screw, spring-cage, push-in, and fast connection terminal blocks, can be labeled with a 24 x 4 mm label or manually using B-STIFT, in the foot part with ZB 5

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

STP 5-2-ZB - Marker carriers

3037643

<https://www.phoenixcontact.com/nl/producten/3037643>



Marker carriers, snaps into ST 2,5 spring-cage terminal blocks, can be marked with UC-TM 5, UC-TMF 5, UCT-TM 5, UCT-TMF 5, ZB 5, or ZBF 5, gray, unlabeled, mounting type: snapped

MPS-MT - Test plug

0201744

<https://www.phoenixcontact.com/nl/producten/0201744>



Test plug, with solder connection up to 1 mm² conductor cross section, number of positions: 1, color: gray

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

MPS-IH WH - Insulating sleeve

0201663

<https://www.phoenixcontact.com/nl/producten/0201663>

Insulating sleeve, color: white



MPS-IH RD - Insulating sleeve

0201676

<https://www.phoenixcontact.com/nl/producten/0201676>

Insulating sleeve, color: red



PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

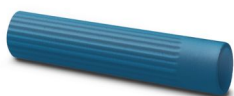
<https://www.phoenixcontact.com/nl/producten/3244481>

MPS-IH BU - Insulating sleeve

0201689

<https://www.phoenixcontact.com/nl/producten/0201689>

Insulating sleeve, color: blue



MPS-IH YE - Insulating sleeve

0201692

<https://www.phoenixcontact.com/nl/producten/0201692>

Insulating sleeve, color: yellow



PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

MPS-IH GN - Insulating sleeve

0201702

<https://www.phoenixcontact.com/nl/producten/0201702>

Insulating sleeve, color: green



MPS-IH GY - Insulating sleeve

0201728

<https://www.phoenixcontact.com/nl/producten/0201728>

Insulating sleeve, color: gray



PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

MPS-IH BK - Insulating sleeve

0201731

<https://www.phoenixcontact.com/nl/producten/0201731>

Insulating sleeve, color: black



PS-3,5 - Test plug

3031010

<https://www.phoenixcontact.com/nl/producten/3031010>

Test plug, Modular test plug, number of positions: 1, color: red



PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

DP PS-3,5 - Spacer plate

3031011

<https://www.phoenixcontact.com/nl/producten/3031011>



Spacer plate, depth: 33.5 mm, width: 3.5 mm, height: 15.9 mm, number of positions: 1, color: red

PS-3,5/E - Test plug

3031012

<https://www.phoenixcontact.com/nl/producten/3031012>



Test plug, Individual test plug, number of positions: 1, color: red

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

PTIO 1,5/S/4 - Sensor/actuator terminal block

3244452

<https://www.phoenixcontact.com/nl/producten/3244452>

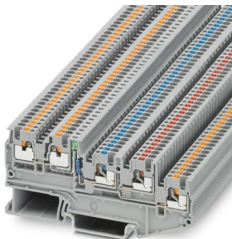


Sensor/actuator terminal block, nom. voltage: 250 V, nominal current: 13.5 A, number of connections: 5, connection method: Push-in connection, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

PTIO 1,5/S/4-LED 24 GN - Sensor/actuator terminal block

3244520

<https://www.phoenixcontact.com/nl/producten/3244520>



Sensor/actuator terminal block, with green light indicator, nom. voltage: 250 V, nominal current: 13.5 A, number of connections: 5, connection method: Push-in connection, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block

3244481

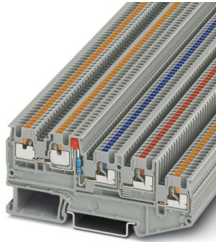
<https://www.phoenixcontact.com/nl/producten/3244481>



PTIO 1,5/S/4-LED 24 RD - Sensor/actuator terminal block

3244517

<https://www.phoenixcontact.com/nl/producten/3244517>

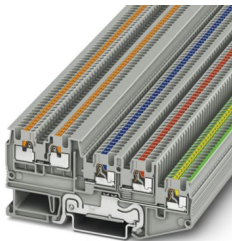


Sensor/actuator terminal block, with red light indicator, nom. voltage: 250 V, nominal current: 13.5 A, number of connections: 5, connection method: Push-in connection, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

PTIO 1,5/S/4-PE - Sensor/actuator terminal block

3244465

<https://www.phoenixcontact.com/nl/producten/3244465>



Sensor/actuator terminal block, with protective conductor function, nom. voltage: 250 V, nominal current: 13.5 A, number of connections: 5, connection method: Push-in connection, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block

3244481

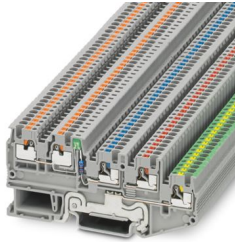
<https://www.phoenixcontact.com/nl/producten/3244481>



PTIO 1,5/S/4-PE-LED 24 GN - Sensor/actuator terminal block

3244466

<https://www.phoenixcontact.com/nl/producten/3244466>

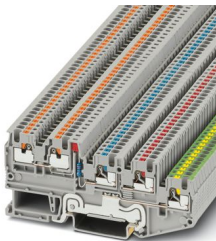


Sensor/actuator terminal block, with green LED display and protective conductor function, nom. voltage: 24 V, nominal current: 13.5 A, number of connections: 5, connection method: Push-in connection, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

PTIO 1,5/S/4-PE-LED 24 RD - Sensor/actuator terminal block

3244467

<https://www.phoenixcontact.com/nl/producten/3244467>



Sensor/actuator terminal block, with red LED display and protective conductor function, nom. voltage: 24 V, nominal current: 13.5 A, number of connections: 5, connection method: Push-in connection, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 1.5 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

ST-BW - Actuation tool

1207608

<https://www.phoenixcontact.com/nl/producten/1207608>

Actuation tool, for all 2.5 mm² - 4.0 mm² spring-cages



PROJECT COMPLETE - Software

1050453

<https://www.phoenixcontact.com/nl/producten/1050453>



Intuitive planning and marking software for configuring terminal strips and for professional marking of marking materials for terminal blocks, conductors, cables, devices, and systems. The software is available for download

3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

CRIMPFOX CENTRUS 6S - Crimping pliers

1213144

<https://www.phoenixcontact.com/nl/producten/1213144>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

CRIMPFOX CENTRUS 10S - Crimping pliers

1213154

<https://www.phoenixcontact.com/nl/producten/1213154>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 10 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

CRIMPFOX CENTRUS 6H - Crimping pliers

1213146

<https://www.phoenixcontact.com/nl/producten/1213146>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

CRIMPFOX CENTRUS 10H - Crimping pliers

1213156

<https://www.phoenixcontact.com/nl/producten/1213156>



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm² ... 10 mm², also for TWIN ferrules up to 2 x 4 mm², automatic cross section adjustment, lateral insertion, equipped with fall protection

3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

CRIMPFOX 10S - Crimping pliers

1212045

<https://www.phoenixcontact.com/nl/producten/1212045>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm² ... 10 mm², unlockable pressure lock, lateral entry

CRIMPFOX 6H - Crimping pliers

1212046

<https://www.phoenixcontact.com/nl/producten/1212046>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.14 mm² ... 6 mm², unlockable pressure lock, lateral entry

3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

CRIMPFOX 2,5-M - Crimping pliers

1212719

<https://www.phoenixcontact.com/nl/producten/1212719>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 2.5 mm², lateral entry, trapezoidal crimp

CRIMPFOX 6-M - Crimping pliers

1212720

<https://www.phoenixcontact.com/nl/producten/1212720>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

CRIMPFOX 6 - Crimping pliers

1212034

<https://www.phoenixcontact.com/nl/producten/1212034>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

CRIMPFOX 6T - Crimping pliers

1212037

<https://www.phoenixcontact.com/nl/producten/1212037>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6 mm², lateral entry, trapezoidal crimp

3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

CRIMPFOX 6T-F - Crimping pliers

1212038

<https://www.phoenixcontact.com/nl/producten/1212038>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6 mm², front entry, trapezoidal crimp

CRIMPFOX 6S-F - Crimping pliers

1212043

<https://www.phoenixcontact.com/nl/producten/1212043>



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.5 mm² ... 6 mm², front entry, square crimp

PTIO-IN 2,5/4-PE OG - Sensor/actuator terminal block



3244481

<https://www.phoenixcontact.com/nl/producten/3244481>

CRIMPFOX-M - Crimping pliers

1212072

<https://www.phoenixcontact.com/nl/producten/1212072>



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

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