

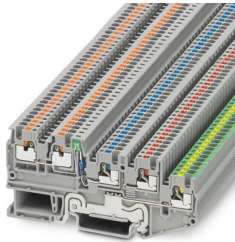
# PTIO 1,5/S/4-PE-LED 24 GN - Initiator/actuator terminal block



3244466

<https://www.phoenixcontact.com/au/products/3244466>

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.



Initiator/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 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray

## 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	3244466
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE2218
Product key	BE2218
GTIN	4055626009339
Weight per piece (including packing)	10.786 g
Weight per piece (excluding packing)	10.068 g
Customs tariff number	85369010
Country of origin	PL

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



3244466

<https://www.phoenixcontact.com/au/products/3244466>

## Technical data

### Notes

#### General

Note	Current and voltage are determined by the resistance and the light indicator.
------	---

### Product properties

Product type	Sensor/actuator terminal block
Number of connections	5
Number of rows	4
Potentials	4

#### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	4 kV
LED voltage range	15 V AC/DC ... 30 V AC/DC
LED current range	0.31 mA ... 0.95 mA

### Input data

LED voltage range	15 V AC/DC ... 30 V AC/DC
-------------------	---------------------------

### Connection data

Number of connections per level	2
Nominal cross section	1.5 mm <sup>2</sup>
Rated cross section AWG	14
Note	Please observe the current carrying capacity of the DIN rails.
Stripping length	8 mm
Internal cylindrical gage	A1 / B1
Connection in acc. with standard	IEC 60947-7-1/IEC 60947-7-2
Conductor cross section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Cross section AWG	26 ... 16 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm <sup>2</sup> ... 1 mm <sup>2</sup> Using the AI-S 1-8 TQ ferrule, Item No. 1200293, is recommended
Nominal current	13.5 A
Maximum load current	13.5 A
Nominal voltage	24 V
Nominal cross section	1.5 mm <sup>2</sup>

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



3244466

<https://www.phoenixcontact.com/au/products/3244466>

## Connection cross sections directly pluggable

Conductor cross section rigid	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm <sup>2</sup> ... 1 mm <sup>2</sup>

## Dimensions

Width	3.5 mm
End cover width	2.2 mm
Height	90.8 mm
Depth	40 mm
Depth on NS 35/7,5	41.5 mm
Depth on NS 35/15	48.5 mm

## Material specifications

Color	gray (RAL 7042)
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	Yes
-----------------	-----

## Environmental and real-life conditions

### 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, 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 (operation)	20 % ... 90 %

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



3244466

<https://www.phoenixcontact.com/au/products/3244466>

Permissible humidity (storage/transport)	30 % ... 70 %
--	---------------

## Standards and regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60947-7-2
----------------------------------	-----------------------------

## Mounting

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

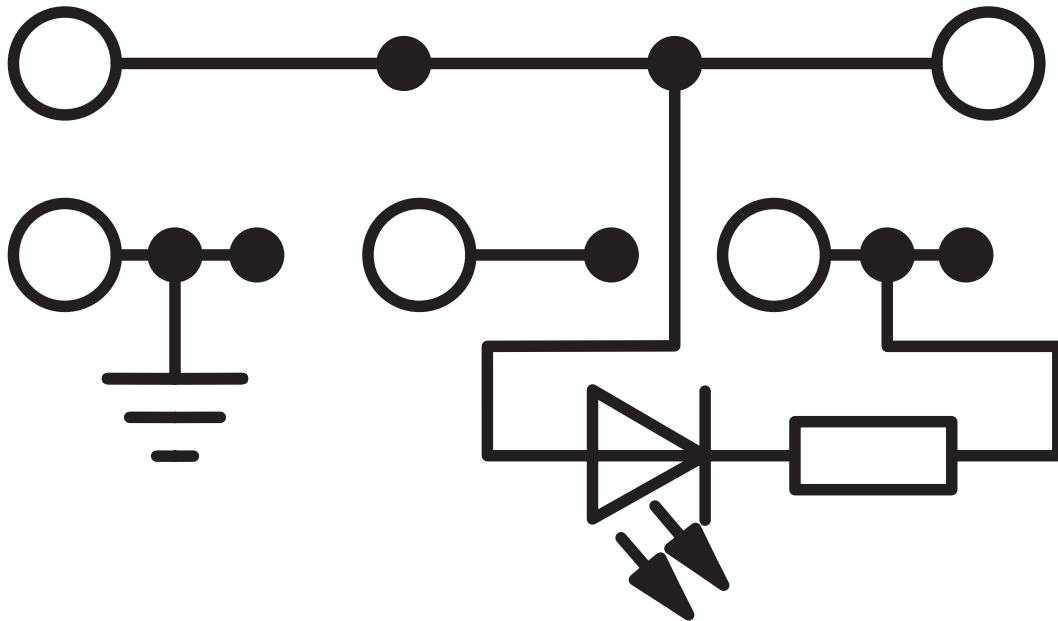
# PTIO 1,5/S/4-PE-LED 24 GN - Initiator/actuator terminal block

3244466

<https://www.phoenixcontact.com/au/products/3244466>

## Drawings

Circuit diagram



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



3244466

<https://www.phoenixcontact.com/au/products/3244466>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/products/3244466>



**EAC**

Approval ID: RU C-DE.BL08.B.00644



**EAC**

Approval ID: KZ7500651131219505

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



3244466

<https://www.phoenixcontact.com/au/products/3244466>

## Classifications

### ECLASS

ECLASS-13.0

27250112

### ETIM

ETIM 9.0

EC000900

### UNSPSC

UNSPSC 21.0

39121400

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



3244466

<https://www.phoenixcontact.com/au/products/3244466>

## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

### EF3.0 Climate Change

CO2e kg	0.072 kg CO2e
---------	---------------

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT PTY Ltd  
Unit 7, 2-8 South Street  
Rydalmere NSW 2116  
1300 786 411  
[customerservice@phoenixcontact.com.au](mailto:customerservice@phoenixcontact.com.au)