

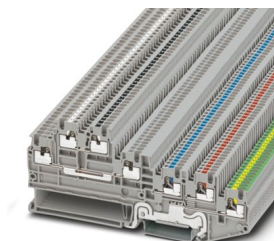
PTIO 1,5/S/5-PE/U-GY/O-WH-BK - Initiator/actuator terminal block



1099906

<https://www.phoenixcontact.com/gb/products/1099906>

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, nom. voltage: 250 V, nominal current: 13.5 A, number of connections: 7, 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

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	1099906
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE2217
Product key	BE2217
GTIN	4055626950648
Weight per piece (including packing)	15.36 g
Weight per piece (excluding packing)	9.99 g
Customs tariff number	85369010
Country of origin	PL

PTIO 1,5/S/5-PE/U-GY/O-WH-BK - Initiator/actuator terminal block



1099906

<https://www.phoenixcontact.com/gb/products/1099906>

Technical data

Product properties

Product type	Sensor/actuator terminal block
Number of connections	7
Number of rows	5
Potentials	5

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

Number of connections per level	2
Nominal cross section	1.5 mm ²
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1
Connection in acc. with standard	IEC 60947-7-1
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)	0.14 mm ² ... 1.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm ² ... 1 mm ² 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	250 V
Nominal cross section	1.5 mm ²

Connection cross sections directly pluggable

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

Dimensions

Width	3.5 mm
End cover width	0.8 mm
Height	121.65 mm

PTIO 1,5/S/5-PE/U-GY/O-WH-BK - Initiator/actuator terminal block



1099906

<https://www.phoenixcontact.com/gb/products/1099906>

Depth	44.6 mm
Depth on NS 35/7,5	52.1 mm
Depth on NS 35/15	59.6 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

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

Standards and regulations

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

Mounting

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

PTIO 1,5/S/5-PE/U-GY/O-WH-BK - Initiator/actuator terminal block

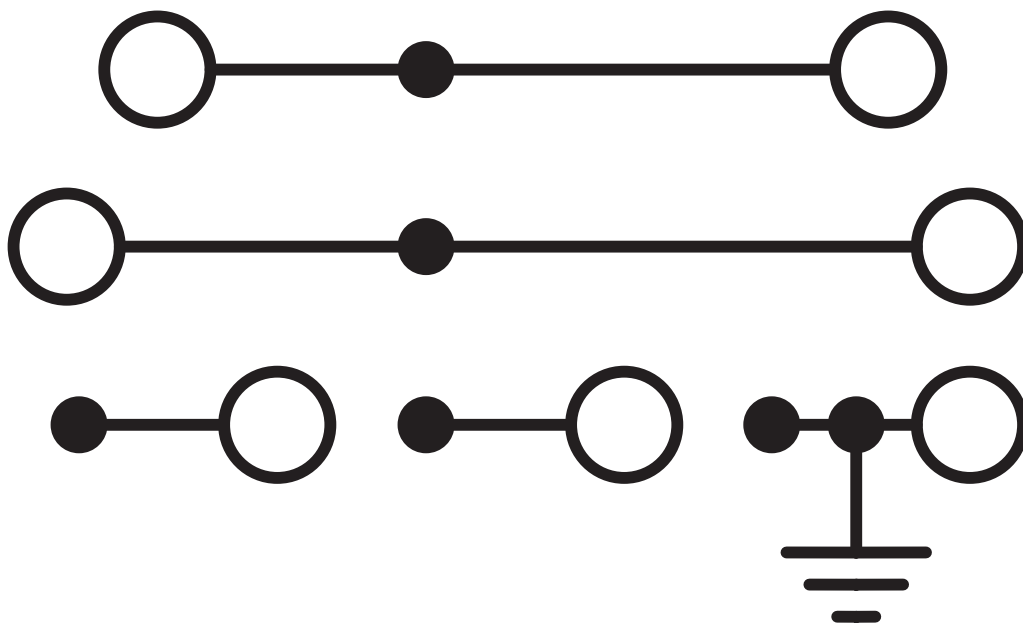


1099906

<https://www.phoenixcontact.com/gb/products/1099906>

Drawings

Circuit diagram



PTIO 1,5/S/5-PE/U-GY/O-WH-BK - Initiator/actuator terminal block



1099906

<https://www.phoenixcontact.com/gb/products/1099906>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1099906>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	15 A	26 - 14	-
PE connection	300 V	-	26 - 14	-
Use group C				
	300 V	15 A	26 - 14	-
PE connection	300 V	-	26 - 14	-
Use group D				
	600 V	5 A	26 - 14	-
PE connection	600 V	-	26 - 14	-

 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	15 A	26 - 14	-
PE connection	300 V	-	26 - 14	-
Use group C				
	150 V	15 A	26 - 14	-
PE connection	300 V	-	26 - 14	-
Use group F				
	500 V	15 A	26 - 14	-
Use group D				
PE connection	300 V	-	26 - 14	-

 EAC Approval ID: KZ7500651131219505				
---	--	--	--	--

PTIO 1,5/S/5-PE/U-GY/O-WH-BK - Initiator/actuator terminal block



1099906
<https://www.phoenixcontact.com/gb/products/1099906>

Classifications

ECLASS

ECLASS-13.0	27250112
-------------	----------

ETIM

ETIM 9.0	EC000900
----------	----------

UNSPSC

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

PTIO 1,5/S/5-PE/U-GY/O-WH-BK - Initiator/actuator terminal block



1099906

<https://www.phoenixcontact.com/gb/products/1099906>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

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%
-------------------------------------	----------------------------

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

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk