

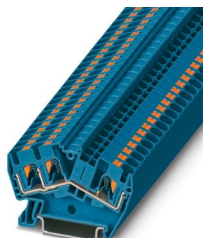
PTS 4-TWIN BU - Feed-through terminal block



3213605

<https://www.phoenixcontact.com/sg/products/3213605>

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.



Feed-through terminal block, nom. voltage: 800 V, nominal current: 32 A, number of connections: 3, connection method: Push-in connection, 1 level, Rated cross section: 4 mm², cross section: 0.2 mm² - 6 mm², mounting type: NS 35/7,5, NS 35/15, color: blue

Your advantages

- 2, 3, and 4-conductor terminal blocks with the same shape
- Ground terminal blocks of the same shape are available
- The PTS 2,5, which is equipped with four bridge shafts, offers a wide range of potential bridging options
- Angled conductor entry for use in flat terminal boxes
- Large space saving when used in concealed wiring systems

Commercial data

Item number	3213605
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	*****
Product key	BE2212
Catalog page	Page 107 (C-1-2019)
GTIN	4055626085470
Weight per piece (including packing)	10.217 g
Weight per piece (excluding packing)	10 g
Customs tariff number	85369010
Country of origin	PL

PTS 4-TWIN BU - Feed-through terminal block



3213605

<https://www.phoenixcontact.com/sg/products/3213605>

Technical data

Product properties

Product type	Multi-conductor terminal block
Product family	PTS
Area of application	Machine building
	Plant engineering
	Process industry
Number of connections	3
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Number of connections per level	3
Nominal cross section	4 mm ²

1 level

Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 6 mm ²
Conductor cross section, flexible [AWG]	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 4 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal current	32 A
Maximum load current	38 A (with 6 mm ² conductor cross section, rigid)
Nominal voltage	800 V
Nominal cross section	4 mm ²

1 level Connection cross sections directly pluggable

Conductor cross section rigid	0.5 mm ² ... 6 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² ... 4 mm ²

PTS 4-TWIN BU - Feed-through terminal block



3213605

<https://www.phoenixcontact.com/sg/products/3213605>

Ex data

Rated data (ATEX/IECEx)

Identification	Ex II 2 GD Ex eb IIC Gb
Operating temperature range (1)	-60 °C ... 85 °C
Operating temperature range (2)	-40 °C ... 110 °C
Ex-certified accessories	3213600 D-PTS 4 3024481 ATP-ST 6 1204517 SZF 1-0,6X3,5 3022276 CLIPFIX 35-5 3022218 CLIPFIX 35
List of bridges	Plug-in bridge / FBS 2-6 / 3030336 Plug-in bridge / FBS 3-6 / 3030242 Plug-in bridge / FBS 4-6 / 3030255 Plug-in bridge / FBS 5-6 / 3030349 Plug-in bridge / FBS 10-6 / 3030271 Plug-in bridge / FBS 20-6 / 3030365
Bridge data	27 A / 4 mm²
Ex temperature increase	40 K (30 A / 4 mm²)
Rated voltage	550 V
for bridging with bridge	550 V
- At bridging between non-adjacent terminal blocks	352 V
- At cut-to-length bridging with cover	325 V
- At cut-to-length bridging with partition plate	325 V
Rated insulation voltage	500 V
output	(Permanent)

Ex level General

Rated current	28 A (4 mm²)
Maximum load current	33 A (6 mm²)
Contact resistance	0.71 mΩ

Ex connection data General

Nominal cross section	4 mm²
Rated cross section AWG	12
Connection capacity rigid	0.2 mm² ... 6 mm²
Connection capacity AWG	24 ... 10
Connection capacity flexible	0.2 mm² ... 4 mm²
Connection capacity AWG	24 ... 12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²
Single conductor/terminal point, flexible, with ferrule, without plastic sleeve, AWG	24 ... 10

PTS 4-TWIN BU - Feed-through terminal block



3213605

<https://www.phoenixcontact.com/sg/products/3213605>

Dimensions

Width	6.2 mm
End cover width	2.2 mm
Height	62.4 mm
Depth on NS 35/7,5	43 mm
Depth on NS 35/15	50.5 mm

Material specifications

Color	blue (RAL 5015)
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 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

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

Mounting

PTS 4-TWIN BU - Feed-through terminal block



3213605

<https://www.phoenixcontact.com/sg/products/3213605>

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

PTS 4-TWIN BU - Feed-through terminal block

3213605

<https://www.phoenixcontact.com/sg/products/3213605>



Drawings

Circuit diagram



PTS 4-TWIN BU - Feed-through terminal block





3213605


<https://www.phoenixcontact.com/sg/products/3213605>

Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/3213605>


 CSA Approval ID: 2030668				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B	600 V	30 A	24 - 10	-
Use group C	600 V	30 A	24 - 10	-

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

 cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B	600 V	30 A	24 - 10	-
Use group C	600 V	30 A	24 - 10	-

DNV Approval ID: TAE000010T				
---------------------------------------	--	--	--	--

 IECEx Approval ID: IECExKIWA17.0026U				
--	--	--	--	--

 ATEX Approval ID: KIWA17ATEX0048U				
---	--	--	--	--

 CCC Approval ID: 2020322313000631				
---	--	--	--	--

 UKCA-EX Approval ID: CSAE 21UKEX3607U				
---	--	--	--	--

PTS 4-TWIN BU - Feed-through terminal block

3213605

<https://www.phoenixcontact.com/sg/products/3213605>



EAC Ex

Approval ID: KZ 7500525010101950

PTS 4-TWIN BU - Feed-through terminal block



3213605

<https://www.phoenixcontact.com/sg/products/3213605>

Classifications

ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250101

ETIM

ETIM 9.0	EC000897
----------	----------

UNSPSC

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

PTS 4-TWIN BU - Feed-through terminal block



3213605

<https://www.phoenixcontact.com/sg/products/3213605>

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 SEA Pte. Ltd.
105 Eunos Avenue 3, #04-00
Singapore 409836
+65 6228 4900
marketing@phoenixcontact.com.sg