

Installation terminal block - PTI 6 BU - 3213973

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Installation terminal block, Push-in connection, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 8.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

Product Features

- ✓ Compatible with all Phoenix Contact installation terminal blocks
- ✓ As well as the testing facility in the function shaft, each terminal point has a test contact
- ✓ Each terminal point can be clearly labeled and easily recognized in every terminal block mounting position
- ✓ Compact design tailored to installation distributors
- ✓ The new Push-in connection technology enables easy, direct insertion of solid and stranded conductors with ferrules with a cross section of 0.34 mm² or higher

Key commercial data

package_quantity	50
GTIN	4046356609319

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	41 A (with 6 mm ² conductor cross section)
Maximum load current	51 A (with 10 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	41 A
Nominal voltage U _N	800 V
Open side panel	ja

Dimensions

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Technical data

Dimensions

Width	8.2 mm
Length	66 mm
Height	48.50 mm
Height NS 35/7,5	50 mm
Height NS 35/15	57.5 mm

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	8
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	6 mm ²
Min. AWG conductor cross section, stranded	20
Max. AWG conductor cross section, stranded	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Connection method	Push-in connection
Stripping length	12 mm
Internal cylindrical gage	A5

classifications

eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 4.0	EC000897
ETIM 5.0	EC000897

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classifications

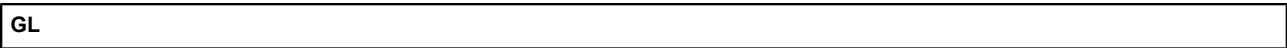
UNSPSC

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

approvals

GOST / GL /

Approval details



accessories

End cover

D-DTI 6 - 3034947



DP PS-8 - 3036741



Partition plate

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accessories

ATP-ST 6 - 3024481



ATP-PTI/3 - 3213990



Screwdriver tools

SZF 2-0,8X4,0 - 1204520



Support

AB-PTI 6 - 3214008



Documentation

PT-IL - 3208090



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accessories

Bridge

FBS 2-8 - 3030284



FBS 3-8 - 3030297



FBS 4-8 - 3030307



FBS 5-8 - 3030310



FBS 10-8 - 3030323



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accessories

FBS 6-8 - 3032470



FBSRH 2-8 - 3033802



FBSRH 3-8 - 3033803



FBSRH 4-8 - 3033804



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



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accessories

NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



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



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



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



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accessories

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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



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accessories

NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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accessories

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



Terminal marking

ZBF 5:UNBEDRUCKT - 0808642



UC-TMF 5 - 0818153



UCT-TMF 5 - 0828744



ZB 8:UNBEDRUCKT - 1052002



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accessories

UC-TM 8 - 0818072



UCT-TM 8 - 0828740



ZBF 8:UNBEDRUCKT - 0808781



UC-TMF 8 - 0818137



UCT-TMF 8 - 0828748



TMT (EX9,5)R - 0828295



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accessories

Labeled terminal marker

ZBF 5 CUS - 0825025



UC-TMF 5 CUS - 0824638



UCT-TMF 5 CUS - 0829658



ZB 8 CUS - 0825011



UC-TM 8 CUS - 0824597



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accessories

UCT-TM 8 CUS - 0829616



ZBF 8 CUS - 0825030



UC-TMF 8 CUS - 0824654



UCT-TMF 8 CUS - 0829672



Test plug terminal block

MPS-MT - 0201744



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accessories

PAI-4-FIX BU - 3032729



PAI-4-FIX OG - 3034455



PAI-4-FIX YE - 3032745



PAI-4-FIX RD - 3032732



PAI-4-FIX GN - 3032758



PAI-4-FIX BK - 3032774



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accessories

PAI-4-FIX GY - 3032790



PAI-4-FIX VT - 3032761



PAI-4-FIX BN - 3032787



PS-8 - 3031005



PS-8/2,3MM RD - 3048564



Insulating sleeve

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accessories

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



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accessories

MPS-IH BK - 0201731



Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



End block

E/UK - 1201442



E/UK 1 - 1201413



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accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



Drawings

Circuit diagram



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