Installation level terminal block - PTI 4-L/L - 3214052

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Installation level terminal block, Push-in connection, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Your advantages

- Compatible with all Phoenix Contact installation terminal blocks
- Each terminal point can be clearly labeled and easily recognized in every terminal block mounting position
- As well as the testing facility in the function shaft, each terminal point has a test contact
- Double function shafts on all levels
- 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	4046356817820

Technical data

General

Number of levels	3
Number of connections	4
Potentials	2
Nominal cross section	4 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0

General

Maximum load current	32 A (with 6 mm² conductor cross section)
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.02 W (the value is multiplied when connecting multiple levels)
Maximum load current	32 A (with 6 mm² conductor cross section)
Nominal current I_N	28 A (with 4 mm² conductor cross section)

Installation level terminal block - PTI 4-L/L - 3214052

Technical data

General

Nominal voltage U_N	400 V
Open side panel	Yes
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
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

Dimensions

Width	6.2 mm
End cover width	2.2 mm
Length	114 mm
Height NS 35/7,5	50.5 mm
Height NS 35/15	58 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	6 mm²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²

Installation level terminal block - PTI 4-L/L - 3214052

Technical data

Connection data

Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4
Connection method	Push-in connection
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
Stripping length	10 mm ... 12 mm

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141125
eCl@ss 8.0	27141125
eCl@ss 9.0	27141125

ETIM

ETIM 3.0	EC001329
ETIM 4.0	EC001329
ETIM 5.0	EC001329
ETIM 6.0	EC001329

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410

Installation level terminal block - PTI 4-L/L - 3214052

Classifications

UNSPSC

UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

EAC / UL Recognized / cUL Recognized / DNV GL / VDE approval of drawings / IECEE CB Scheme / cULus Recognized /

Approval details

EAC

UL Recognized		
Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	27 A	10 A
mm²/AWG/kcmil	20-8	20-8

cUL Recognized		
Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	27 A	10 A
mm²/AWG/kcmil	20-8	20-8

DNV GL

VDE approval of drawings	
Nominal voltage UN	400 V
Nominal current IN	28 A
mm²/AWG/kcmil	0.2-6.0

IECEE CB Scheme	
Nominal voltage UN	
Nominal current IN	
mm²/AWG/kcmil	0.2-0.4

cULus Recognized

Installation level terminal block - PTI 4-L/L - 3214052

Accessories

End cover

D-PTI 4/3 - 3214054



Partition plate

ATP-PTI/3 - 3213990



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



ST-BW - 1207608



Support

AB-PTI 4/3 - 3214053



Installation level terminal block - PTI 4-L/L - 3214052

Accessories

Documentation

PT-IL - 3208090



Jumper

FBS 20-6 - 3030365



FBS 10-6 - 3030271



FBS 5-6 - 3030349



FBS 4-6 - 3030255



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Accessories

FBS 3-6 - 3030242



FBS 2-6 - 3030336



FBS 6-6 - 1008238



FBS 50-6 - 3032224



FBSR 2-6 - 3033715



FBSR 3-6 - 3001594



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Accessories

FBSR 4-6 - 3001595



FBSR 5-6 - 3001596



FBSR 10-6 - 3033716



Short-circuit connector

FBSRH 2-6 - 3033812



DIN rail

NS 35/ 7,5 PERF 2000MM - 0801733

Installation level terminal block - PTI 4-L/L - 3214052

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



Installation level terminal block - PTI 4-L/L - 3214052

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



Installation level terminal block - PTI 4-L/L - 3214052

Accessories

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



Terminal marking

ZBF 6:UNBEDRUCKT - 0808710



UC-TMF 6 - 0818140



UCT-TMF 6 - 0828746



TMT 6 R - 0816498



Installation level terminal block - PTI 4-L/L - 3214052

Accessories

TMT (EX9,5)R - 0828295



US-TM 100 - 0829255



Labeled terminal marker

ZBF 6 CUS - 0825027



UC-TMF 6 CUS - 0824646



UCT-TMF 6 CUS - 0829665



Installation level terminal block - PTI 4-L/L - 3214052

Accessories

ZBF 6,LGS:FORTL.ZAHLEN - 0808749



ZBF 6,QR:FORTL.ZAHLEN - 0808765



ZBF 6,LGS:GERADE ZAHLEN - 0810834



ZBF 6,LGS:UNGERADE ZAHLEN - 0810876



TMT 6 R CUS - 0824488



Test plug terminal block

Installation level terminal block - PTI 4-L/L - 3214052

Accessories

MPS-MT - 0201744



PS-6 - 3030996



PS-6/2,3MM RD - 3038736



Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



Installation level terminal block - PTI 4-L/L - 3214052

Accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



ISH 4/0,5 - 3002885



Installation level terminal block - PTI 4-L/L - 3214052

Accessories

ISH 4/1,0 - 3002898



Test socket

PAI-4-FIX-5/6 BU - 3035975



PAI-4-FIX-5/6 OG - 3035974



PAI-4-FIX-5/6 YE - 3035977



PAI-4-FIX-5/6 RD - 3035976



Installation level terminal block - PTI 4-L/L - 3214052

Accessories

PAI-4-FIX-5/6 GN - 3035978



PAI-4-FIX-5/6 BK - 3035980



PAI-4-FIX-5/6 GY - 3035982



PAI-4-FIX-5/6 VT - 3035979



PAI-4-FIX-5/6 BN - 3035981



PAI-4-FIX-5/6 WH - 3035983



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Accessories

Planning and marking software

CLIP-PROJECT ADVANCED - 5146040



CLIP-PROJECT PROFESSIONAL - 5146053



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



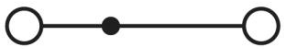
E/NS 35 N - 0800886



Drawings

Installation level terminal block - PTI 4-L/L - 3214052

Circuit diagram





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