

Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

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's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Distribution block, Block with horizontal alignment and integrated supply, Connection method: Push-in connection, Push-in connection, Number of connections: 19, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 56 mm, Height: 28.7 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

The figure shows the product in gray

Your advantages

- ✓ Time savings of up to 80%, thanks to ready-to-mount blocks without manual bridging
- ✓ Time-saving conductor connection, thanks to tool-free Push-in direct connection technology
- ✓ Clear wiring, thanks to eleven different color variants
- ✓ Flexible use, thanks to DIN rail mounting, direct mounting or adhesive mounting
- ✓ Space savings of up to 50% on the DIN rail, thanks to transverse mounting

Key commercial data

package_quantity	8
GTIN	4055626391861

Technical data

General

Note	The blocks can be bridged with one another via the conductor shaft. For corresponding plug-in bridges, see accessories
Number of levels	1
Number of connections	19
Potentials	1
Nominal cross section	2.5 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V0

General

Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.31 W (the value is based on one connection block and is multiplied according to the pin assignment)
Maximum load current	24 A

Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

Technical data

General

Nominal current I_N	24 A
Nominal voltage U_N	500 V
Maximum load current	57 A (with 10 mm ² conductor cross section)
Nominal current I_N	41 A (with 6 mm ² conductor cross section)
Nominal voltage U_N	500 V
Open side panel	No

Dimensions

Width	56 mm
Length	45.7 mm
Height	28.7 mm
Height NS 35/7,5	30.8 mm
Height NS 35/15	38.3 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1/IEC 60998-1
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	2.5 mm ²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3
Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1/IEC 60998-1
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	6 mm ²
Min. AWG conductor cross section, flexible	20

Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

Technical data

Connection data

Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, 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
Stripping length	10 mm ... 12 mm

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60998-1
Connection in acc. with standard	IEC 60947-7-1/IEC 60998-1
Flammability rating according to UL 94	V0

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	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

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

Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

Accessories

Test plug terminal block

MPS-MT SN - 3212251



MPS-MT - 0201744



Marker carriers

KLM 2 - 0807575



KLM 3-L - 0814788



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

Accessories

Jumper

FBS 2-5 - 3030161



FBS 2-5 GN - 3032143



FBS 2-5 BU - 3036877



FBS 2-5 GY - 3038969



DIN rail

NS 35/ 7,5 PERF 2000MM - 0801733

Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

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

Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

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



Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

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



Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

Accessories

Test socket

PAI-4-N GY - 3032871



Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

Accessories

MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



Labeled terminal marker

SK 5/3,8:FORTL.ZAHLEN - 0804183



SK 3,8 REEL P5 WH CUS - 0825124



Terminal marking

Distribution block - PTFIX 6/18X2,5-NS35A BU - 3273244

Accessories

TML (EX3,8)R - 0801837

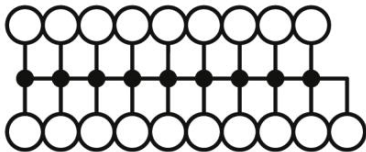


TML (104X3,8)R - 0801833



Drawings

Circuit diagram



Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>