Distribution block - PTFIX 18X1,5-NS15A GY - 3002917

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)



The illustration shows the version PTFIX 20X1,5-NS15A in gray

Distribution block, internally jumpered, Connection method: Push-in connection, Number of connections: 18, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 16, Width: 40 mm, Color: gray, Mounting type: NS 15

Your advantages

- Space-saving, thanks to the compact design
- Flexible use, thanks to DIN rail and direct mounting
- Space-saving potential distribution, thanks to compact micro potential distributors
- Convenient test options, thanks to test openings at every terminal point
- Clear arrangement thanks to marking of all terminal points

Key commercial data

package_quantity	20
GTIN	4055626433301

Technical data

General

Note	The blocks can be bridged with one another via the conductor shaft. For corresponding plug-in bridges, see accessories
Note	The D-PTFIX 1,5 cover (accessory) must be placed on the end of the terminal strip
Number of levels	1
Number of connections	18
Potentials	1
Nominal cross section	1.5 mm²
Color	gray
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	0.56 W

Distribution block - PTFIX 18X1,5-NS15A GY - 3002917

Technical data

General

Ambient temperature (operation)	-60 °C ... 130 °C
Maximum load current	17.5 A
Nominal current I_N	17.5 A
Nominal voltage U_N	500 V
Open side panel	No

Dimensions

Width	40 mm
Length	21 mm
Height NS 15	27.2 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 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	16
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60998-1
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	27141120

Distribution block - PTFIX 18X1,5-NS15A GY - 3002917

Classifications

eCl@ss

eCl@ss 4.1	27141120
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 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897
ETIM 6.0	EC000897

UNSPSC

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

Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized /

Approval details

CSA			
Usegroups	**B**	**C**	**D**
Nominal voltage UN	300 V	300 V	150 V
Nominal current IN	15 A	15 A	15 A
mm²/AWG/kcmil	26-14	26-14	26-14

UL Recognized			
Usegroups	**B**	**C**	**D**
Nominal voltage UN	300 V	300 V	150 V
Nominal current IN	15 A	15 A	15 A
mm²/AWG/kcmil	26-14	26-14	26-14

cUL Recognized

Distribution block - PTFIX 18X1,5-NS15A GY - 3002917

Approvals

Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	150 V
Nominal current IN	15 A	15 A	15 A
mm²/AWG/kcmil	26-14	26-14	26-14

cULus Recognized

Accessories

Screwdriver tools

SZF 0-0,4X2,5 - 1204504



End cover

D-PTFIX 1,5 - 3003254



Jumper

FBS 2-4 - 3030116



FBS 2-4 BU - 3030117



Distribution block - PTFIX 18X1,5-NS15A GY - 3002917

Accessories

FBS 2-4 GY - 3030118



End block

CLIPFIX 15 - 3022263



DIN rail

NS 15 UNPERF 2000MM - 1401695



NS 15 PERF 2000MM - 1401682

NS 15 AL PERF 2000MM - 1401763



Distribution block - PTFIX 18X1,5-NS15A GY - 3002917

Accessories

NS 15 WH PERF 2000MM - 1204096



Labeled terminal marker

SK 4,15/3,8 FORTL.ZAHLEN - 0804378

SK 3,8 REEL P4,15 WH CUS - 0825990

Terminal marking

TML (EX3,8)R - 0801837



TML (104X3,8)R - 0801833



Distribution block - PTFIX 18X1,5-NS15A GY - 3002917

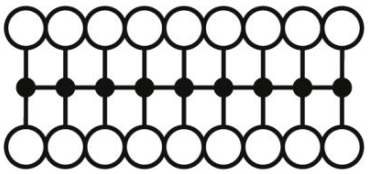
Accessories

MPS-MT 1-S4-B RD - 1982800



Drawings

Circuit diagram



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