

# PTFIX 1,5-F /8BU - Distribution block



1001251

<https://www.phoenixcontact.com/us/products/1001251>

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Distribution block, internally jumpered, with fastening flange, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 16, connection method: Push-in connection, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: Direct mounting with flange, color: blue

## Commercial data

Item number	1001251
Packing unit	50 pc
Minimum order quantity	50 pc
Product key	BE2269
GTIN	4055626469980
Weight per piece (including packing)	14.81 g
Weight per piece (excluding packing)	14.81 g
Country of origin	PL

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## Technical data

### Notes

Notes on operation	the blocks can be bridged with one another via the conductor shaft, for corresponding plug-in bridges, see accessories
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### Product properties

Product type	Distributor terminal block
Number of connections	16
Number of rows	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
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### Connection data

Number of connections per level	16
Nominal cross section	1.5 mm <sup>2</sup>
Rated cross section AWG	14
Connection method	Push-in connection
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Cross section AWG	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Nominal current	17.5 A
Maximum load current	17.5 A
Nominal voltage	500 V

### Connection cross sections directly pluggable

Conductor cross-section rigid	0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, rigid [AWG]	24 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>

### Dimensions

Width	51 mm
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Height	17.8 mm
Drill hole spacing	44.8 mm
Hole diameter	3.2 mm

## Material specifications

Color	blue
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

## Mechanical properties

### Mechanical data

Open side panel	No
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### Technical data

Drill hole spacing	44.8 mm
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## Standards and regulations

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

Mounting type	Direct mounting with flange
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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