

PTFIX 1,5-KNX-NS35AD - Function distribution block



1187193

<https://www.phoenixcontact.com/us/products/1187193>

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Function distribution block, for KNX bus in building installation, individual block is bridged internally, color in accordance with EIB cable coding, arrangement: in pairs, nom. voltage: 500 V, nominal current: 17.5 A, number of connections: 24, connection method: Push-in connection, cross section: 0.14 mm² - 2.5 mm², mounting type: NS 35/7,5, NS 35/15

Commercial data

Item number	1187193
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	BEA191
GTIN	4063151230234
Weight per piece (including packing)	24.8 g
Weight per piece (excluding packing)	22.08 g
Country of origin	PL

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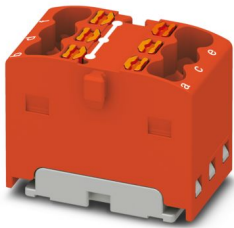
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Set consists of

PTFIX 6X1,5 RD - Distribution block

3002765

<https://www.phoenixcontact.com/us/products/3002765>



Distribution block, nom. voltage: 450 V, nominal current: 17.5 A, number of connections: 6, connection method: Push-in connection, cross section: 0.14 mm^2 - 2.5 mm^2 , mounting type: for snapping onto a DIN rail adapter, Direct mounting with flange, Free-hanging, color: red

PTFIX 6X1,5 BK - Distribution block

3002781

<https://www.phoenixcontact.com/us/products/3002781>



Distribution block, nom. voltage: 450 V, nominal current: 17.5 A, number of connections: 6, connection method: Push-in connection, cross section: 0.14 mm^2 - 2.5 mm^2 , mounting type: for snapping onto a DIN rail adapter, Direct mounting with flange, Free-hanging, color: black

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PTFIX 6X1,5 WH - Distribution block

3002778

<https://www.phoenixcontact.com/us/products/3002778>

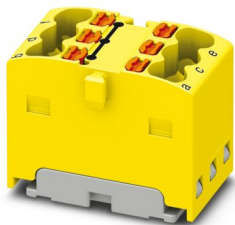


Distribution block, nom. voltage: 450 V, nominal current: 17.5 A, number of connections: 6, connection method: Push-in connection, cross section: 0.14 mm² - 2.5 mm², mounting type: for snapping onto a DIN rail adapter, Direct mounting with flange, Free-hanging, color: white

PTFIX 6X1,5 YE - Distribution block

3002768

<https://www.phoenixcontact.com/us/products/3002768>



Distribution block, nom. voltage: 450 V, nominal current: 17.5 A, number of connections: 6, connection method: Push-in connection, cross section: 0.14 mm² - 2.5 mm², mounting type: for snapping onto a DIN rail adapter, Direct mounting with flange, Free-hanging, color: yellow

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PTFIX 1,5-NS35AD - DIN rail adapter

1049498

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DIN rail adapter, for NS 35 for accommodating two 1.5 mm² FIX blocks in horizontal direction, color: gray

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Technical data

Product properties

Product type	Distributor terminal block
Number of connections	24
Number of rows	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.56 W

Connection data

Number of connections per level	24
Nominal cross section	1.5 mm ²
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 ² ... 2.5 mm ²
Cross section AWG	26 ... 14 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm ² ... 2.5 mm ²
Conductor cross-section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm ² ... 1.5 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm ² ... 1.5 mm ²
Nominal current	17.5 A
Maximum load current	22 A
Maximum total current	26 A
Nominal voltage	500 V

Connection cross sections directly pluggable

Conductor cross-section rigid	0.34 mm ² ... 2.5 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm ² ... 1.5 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.34 mm ² ... 1.5 mm ²

Dimensions

Width	27.6 mm
Height	43.1 mm
Depth	21.4 mm
Depth on NS 15	26.9 mm

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Depth on NS 35/7,5	28.9 mm
Depth on NS 35/15	36.4 mm

Material specifications

Color	multicolored (RAL -)
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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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

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

Mounting type	NS 35/7,5
	NS 35/15

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1187193>

DNV Approval ID: TAE00002TT-05				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	500 V	24 A	-	-

EAC Approval ID: KZ7500651131219505	
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Classifications

ECLASS

ECLASS-13.0	27250118
ECLASS-15.0	27250118

ETIM

ETIM 10.0	EC000897
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UNSPSC

UNSPSC 21.0	39121400
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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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