

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



1187193

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

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 documentation. Our general terms of use for downloads are valid.



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)	24.57 g
Weight per piece (excluding packing)	22.204 g
Country of origin	PL

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



1187193

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

Set consists of

PTFIX 6X1,5 RD - Distribution block

3002765

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



Distribution block, bridged internally, 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: red

PTFIX 6X1,5 BK - Distribution block

3002781

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



Distribution block, bridged internally, 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: black

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

1187193

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

PTFIX 6X1,5 WH - Distribution block

3002778

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

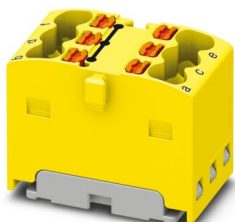


Distribution block, bridged internally, nom. voltage: 450 V, nominal current: 17.5 A, number of connections: 6, connection method: Push-in connection, cross section: 0.14 mm² - 2.5 mm², mounting type: for snapping onto a DIN rail adapter, Direct mounting with flange, Free-hanging, color: white

PTFIX 6X1,5 YE - Distribution block

3002768

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



Distribution block, bridged internally, 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

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



1187193

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

PTFIX 1,5-NS35AD - DIN rail adapter

1049498

<https://www.phoenixcontact.com/us/products/1049498>

DIN rail adapter, for NS 35 for accommodating two rows of PTFIX 1,5 distribution blocks, depth: 10.9 mm, width: 8 mm, height: 44.4 mm



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



1187193

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

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
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 ... 1.5 mm ²
Conductor cross section, flexible [AWG]	24 ... 16 (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
Depth on NS 35/7,5	28.9 mm

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



1187193

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

Depth on NS 35/15	36.4 mm
-------------------	---------

Material specifications

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

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

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
----------------------------------	---------------

Mounting

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

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



1187193

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

Classifications

ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250118

ETIM

ETIM 9.0	EC000897
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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



1187193

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

Environmental product compliance

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

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com