3002770

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**PHŒNIX** CONTACT

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Distribution block, bridged internally, nom. voltage: 450 V, nominal current: 17.5 A, number of connections: 18, connection method: Push-in connection, cross section: 0.14 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, mounting type: for snapping onto a DIN rail adapter, Direct mounting with flange, Free-hanging, color: yellow

### Your advantages

- · Clear arrangement thanks to marking of all terminal points
- · Convenient test options, thanks to test openings at every terminal point
- · Flexible use, thanks to direct mounting with flange covers from accessories
- · Space-saving, thanks to the compact design
- · Space-saving potential distribution, thanks to compact micro potential distributors

### Commercial data

Item number	3002770
Packing unit	20 рс
Minimum order quantity	20 рс
Sales key	BE09
Product key	BEA115
Catalog page	Page 429 (C-1-2019)
GTIN	4055626432519
Weight per piece (including packing)	15.97 g
Weight per piece (excluding packing)	9.99 g
Customs tariff number	85369010
Country of origin	PL

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### Technical data

General     the blocks can be bridged with one another via the conductor shift, for corresponding plug-in bridges, see accessories       Product type     Distributor terminal block       Number of rows     18       Number of rows     1       Potentials     1       Overvoltage category     III       Degree of pollution     3       Electrical properties     6 kV       Maximum power dissipation for nominal condition     0.56 W       Connection data     18       Nomber of connections per level     18       Nominal cross section     0.56 W       Connection data     15 mm <sup>2</sup> Rated cross section AWQ     14       Stripping length     8 mm 10 mm       Interral cylindrical gage     0.11 m <sup>2</sup> 15 mm <sup>2</sup> Conductor cross section rigid     0.14 m <sup>2</sup> 15 mm <sup>2</sup> Conductor cross section field (ferrule without plastic sleeve)     0.14 m <sup>2</sup> 15 mm <sup>2</sup> Conductor cross section field (ferrule without plastic sleeve)     0.14 mm <sup>2</sup> 15 mm <sup>2</sup> Conductor cross section field (KV)     26 14 (converted act. to IEC)       Conductor cross section field (KV)     26 16 (converted act. to IEC) <t< th=""><th>Notes</th><th></th></t<>	Notes	
Product type     Distributor terminal block       Number of connections     18       Number of rows     1       Potentials     1       Insulation characteristics     0       Overvoltage category     III       Degree of pollution     3       Electrical properties     8       Rated surge voltage     6 kV       Maximum power dissipation for nominal condition     0.56 W       Connections per level     18       Nomber of connections per level     18       Nominal cross section     1.5 mm <sup>3</sup> Rated cross section AWG     14       Stripping length     8 mm 10 mm       Internal cylindrical gage     A1 / B1       Connection in acc. with standard     IEC 6098-2-2       Conductor cross section RWG     26 14 (converted acc. to IEC)       Conductor cross section fiexible     0.14 mm <sup>2</sup> 1.5 mm <sup>3</sup> Conductor cross section flexible (KWG)     26 14 (converted acc. to IEC)       Conductor cross section flexible (KWG)     26 14 (converted acc. to IEC)       Conductor cross section flexible (KWG)     26 14 (converted acc. to IEC)       Conductor cr	General	
Number of connections     18       Number of rows     1       Potentials     1       Potentials     1       Insulation characteristics     0       Overoftage category     III       Degree of pollution     3       Electrical properties     6 kV       Maximum power dissipation for nominal condition     0.56 W       Connection data     15       Number of connections per level     18       Number of consections per level     18       Number of consections per level     18       Nominal cross section     1.5 mm <sup>3</sup> Rated cross section AWG     14       Stripping length     8 mm 10 mm       Internal cylindrical gage     A1 / B1       Conductor cross section rigid     0.14 mm <sup>2</sup> 25 mm <sup>2</sup> Conductor cross section fiexible     0.14 mm <sup>2</sup> 1.5 mm <sup>2</sup> Conductor cross section fiexible (Wolg)     26 16 (converted acc. to IEC)       Conductor cross section fiexible (Wolg)     26 A       Nominal cross section fiexible (Wolg)     26 A       Nominal voltage     0.34 mm <sup>2</sup> 1.5 mm <sup>2</sup> Conductor cros	Product properties	
Number of rows     1       Potentials     1       Insulation characteristics     1       Overvoitage category     III       Degree of pollution     3       Electrical properties     6 kV       Rated surge voitage     6 kV       Maximum power dissipation for nominal condition     0.56 W       Connection data     14       Number of connections per level     18       Number of connections per level     14       Stipping length     8 mm 10 mm       Rated cross section AWG     14       Stipping length     8 mm 10 mm       Internal cylindical gage     A1 / B1       Connection racc. with standard     IEC 60998-22       Conductor cross section figid     0.14 mm² 25 mm²       Conductor cross section figid     0.14 mm² 15 mm²       Conductor cross section fiexible (MCG)     26 14 (converted acc. to IEC)       Conductor cross section fiexible (AVG)     26 14 (converted acc. to IEC)       Conductor cross section fiexible (AVG)     26 14 (converted acc. to IEC)       Conductor cross section fiexible (AVG)     26 14 (converted acc. to IEC)       <	Product type	Distributor terminal block
Potentials     1       Insulation characteristics     Overollage category     III       Degree of pollution     3       Electrical properties     6 kV       Maximum power dissipation for nominal condition     0.56 W       Commoder of connections per level     18       Number of connections per level     14       Stripping length     8 mm 10 mm       Rated cross section AWG     14       Stripping length     8 mm 10 mm       Internal cylindrical gage     A1 / B1       Connection in acc. with standard     IEC 609898-2-2       Conductor cross section figid     0.14 mm² 2.5 mm²       Conductor cross section figid     0.14 mm² 1.5 mm²       Conductor cross section figid     0.14 mm² 1.5 mm²       Conductor cross section flexible (MVG)     26 14 (converted acc. to IEC)       Conductor cross section flexible (MVG)     26 14 mn² 1.5 mm²       Naminal voltage     0.14 mm² 1.5 mm²       Naminal voltage     0.14 mm² 1.5 mm²       Nominal voltage     26 A       Nominal voltage     450 V	Number of connections	18
Insulation characteristics       Overvoitage category     III       Degree of pollution     3       Electrical properties     6 kV       Maximum power dissipation for nominal condition     0.56 W       Connection data     1.5 mm²       Number of connections per level     18       Number of connections per level     18       Rated cross section AWG     1.4 M       Stripping length     8 mm 10 mm       Internal cylindrical gage     A1 / B1       Connection in acc. with standard     IEC 60998-2-2       Conductor cross section figid     0.14 mm² 2.5 mm²       Cross section AWG     26 14 (converted acc. to IEC)       Conductor cross section figid     0.14 mm² 1.5 mm²       Conductor cross section flexible (ferrule without plastic sleeve)     0.14 mm² 1.5 mm²       Conductor cross section flexible (ferrule without plastic sleeve)     0.14 mm² 1.5 mm²       Nominal current     22 A       Maximum load current     22 A       Maximum load current     26 A       Nominal voltage     630 V       Conductor cross section figid (AWG)     0.34 mm² 2.5 mm²       Conductor cross section figid (AWG) </td <td>Number of rows</td> <td>1</td>	Number of rows	1
Overvoltage category     III       Degree of pollution     3       Electrical properties     Rated surge voltage     6 kV       Maximum power dissipation for nominal condition     0.56 W       Correction data     18       Number of connections per level     18       Number of connections per level     14       Stripping length     8 mm 10 mm       Internal cylindrical gage     A1 / B1       Connection in acc. with standard     IEC 60998-2-2       Conductor cross section figid     0.14 mm <sup>2</sup> 25 mm <sup>2</sup> Conductor cross section figid     0.14 mm <sup>2</sup> 15 mm <sup>2</sup> Conductor cross section figid     0.14 mm <sup>2</sup> 15 mm <sup>2</sup> Conductor cross section figid     0.14 mm <sup>2</sup> 15 mm <sup>2</sup> Conductor cross section figid     0.14 mm <sup>2</sup> 15 mm <sup>2</sup> Conductor cross section figid     0.14 mm <sup>2</sup> 15 mm <sup>2</sup> Conductor cross section fiexible (ferrule with plastic sleeve)     0.14 mm <sup>2</sup> 15 mm <sup>2</sup> Nominal current     22 A       Maximum load current     26 A       Maximum load current     26 A       Nominal voltage     450 V       Conductor cross section rigid	Potentials	1
Degree of pollution     3       Electrical properties     6 kV       Maximum power dissipation for nominal condition     0.56 W       Connection data     18       Number of connections per level     18       Nominal cross section     1.5 mm²       Rated cross section AWG     14       Stipping length     8 mm 10 mm       Internal cylindrical gage     A17.B1       Connection in acc. with standard     IEC 60098-2-2       Conductor cross section rigid     0.14 mm² 25 mm²       Conductor cross section fiexible     0.14 mm² 25 mm²       Conductor cross section fiexible (ferrule without plastic sleeve)     0.14 mm² 1.5 mm²       Conductor cross section fiexible (ferrule without plastic sleeve)     0.14 mm² 1.5 mm²       Conductor cross section fiexible (ferrule without plastic sleeve)     0.14 mm² 1.5 mm²       Nominal current     22 A       Maximum load current     22 A       Maximum load current     26 A       Nominal voltage     450 V       Conductor cross section rigid     0.34 mm² 25 mm²       Conductor cross section rigid     0.34 mm² 25 mm²       Conductor cross section r	Insulation characteristics	
Electrical properties       Rated surge voltage     6 kV       Maximum power dissipation for nominal condition     0.56 W       Connection data     18       Number of connections per level     18       Nominal cross section     1.5 mm²       Rated cross section AWG     14       Stripping length     8 mm 10 mm       Internal cylindrical gage     A1 / B1       Connection in acc. with standard     IEC 60998-2-2       Conductor cross section rigid     0.14 mm² 2.5 mm²       Conductor cross section flexible     0.14 mm² 1.5 mm²       Conductor cross section flexible     0.14 mm² 1.5 mm²       Conductor cross section flexible (ferrule without plastic sleeve)     0.14 mm² 1.5 mm²       Conductor cross section (flexible (ferrule without plastic sleeve)     0.14 mm² 1.5 mm²       Conductor cross section (flexible tiples to sleeve)     0.14 mm² 1.5 mm²       Nominal current     17.5 A       Maximum load current     22 A       Maximum load current     26 A       Nominal voltage     450 V       Conductor cross section rigid     0.34 mm² 2.5 mm²       Conductor cross section rigid <td< td=""><td>Overvoltage category</td><td>III</td></td<>	Overvoltage category	III
Rated surge voltage   6 kV     Maximum power dissipation for nominal condition   0.56 W     Connection data     Number of connections per level   18     Nominal cross section   1.5 mm²     Rated cross section AWG   14     Stripping length   8 mm 10 mm     Internal cylindrical gage   A1 / B1     Connection in acc. with standard   IEC 60998-2-2     Conductor cross section rigid   0.14 mm² 2.5 mm²     Cross section field   0.14 mm² 1.5 mm²     Conductor cross section fiexible   0.14 mm² 1.5 mm²     Conductor cross section fiexible   0.14 mm² 1.5 mm²     Conductor cross section fiexible [AWG]   26 16 (converted acc. to IEC)     Conductor cross section fiexible (ferrule without plastic sleeve)   0.14 mm² 1.5 mm²     Nominal current   17.5 A     Maximum load current   22 A     Maximum load current   26 A     Nominal voltage   450 V     Conductor cross section rigid   0.34 mm² 2.5 mm²     Conductor cross section rigid   0.34 mm² 2.5 mm²     Conductor cross section rigid   0.34 mm² 2.5 mm²     Conductor cross section rigid	Degree of pollution	3
Maximum power dissipation for nominal condition     0.56 W       Connection data       Number of connections per level     18       Nominal cross section     1.5 mm²       Rated cross section AWG     14       Stripping length     8 mm 10 mm       Internal cylindrical gage     A1 / B1       Connection in acc. with standard     IEC 6098-2-2       Conductor cross section rigid     0.14 mm² 2.5 mm²       Cross section AWG     26 14 (converted acc. to IEC)       Conductor cross section flexible     0.14 mm² 1.5 mm²       Conductor cross section flexible (ferrule without plastic sleeve)     0.14 mm² 1.5 mm²       Nominal current     17.5 A       Maximum load current     22 A       Maximum load current     26 A       Nominal voltage     450 V       Conductor cross section rigid     0.34 mm² 2.5 mm²       Conductor cross section slicetty pluggable     Conductor cross section rigid       Conductor cross section figid locure section slicetty pluggable     0.34 mm² 2.5 mm²	Electrical properties	
Maximum power dissipation for nominal condition     0.56 W       Connection data       Number of connections per level     18       Nominal cross section     1.5 mm²       Rated cross section AWG     14       Stripping length     8 mm 10 mm       Internal cylindrical gage     A1 / B1       Connection in acc. with standard     IEC 6098-2-2       Conductor cross section rigid     0.14 mm² 2.5 mm²       Cross section AWG     26 14 (converted acc. to IEC)       Conductor cross section flexible     0.14 mm² 1.5 mm²       Conductor cross section flexible (ferrule without plastic sleeve)     0.14 mm² 1.5 mm²       Nominal current     17.5 A       Maximum load current     22 A       Maximum load current     26 A       Nominal voltage     450 V       Conductor cross section rigid     0.34 mm² 2.5 mm²       Conductor cross section slicetty pluggable     Conductor cross section rigid       Conductor cross section figid locure section slicetty pluggable     0.34 mm² 2.5 mm²	Rated surge voltage	6 kV
Number of connections per level   18     Nominal cross section   1.5 mm²     Rated cross section AWG   14     Stripping length   8 mm 10 mm     Internal cylindrical gage   A1 / B1     Connection in acc. with standard   IEC 60998-2-2     Conductor cross section rigid   0.14 mm² 2.5 mm³     Cross section AWG   26 14 (converted acc. to IEC)     Conductor cross section flexible   0.14 mm² 1.5 mm³     Conductor cross section flexible [AWG]   26 14 (converted acc. to IEC)     Conductor cross section flexible [AWG]   26 14 mm² 1.5 mm³     Conductor cross section flexible [AWG]   21 15 mm³     Conductor cross section flexible (ferrule without plastic sleeve)   0.14 mm² 1.5 mm³     Nominal current   17.5 A     Maximum load current   22 A     Maximum total current   26 A     Nominal voltage   450 V     Conductor cross section sdirectly pluggable   0.34 mm² 2.5 mm³     Conductor cross section rigid   0.34 mm² 2.5 mm³     Conductor cross section rigid [AWG]   26 14 (converted acc. to IEC)     Conductor cross section rigid [AWG]   26 14 (converted acc. to IEC)		0.56 W
Nominal cross section1.5 mm²Rated cross section AWG14Stripping length8 mm 10 mmInternal cylindrical gageA1 / B1Connection in acc. with standardIEC 60998-2-2Conductor cross section rigid0.14 mm² 2.5 mm²Cross section AWG26 14 (converted acc. to IEC)Conductor cross section flexible0.14 mm² 1.5 mm²Conductor cross section flexible0.14 mm² 1.5 mm²Conductor cross section flexible (AWG)26 16 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.14 mm² 1.5 mm²Conductor cross section flexible (ferrule with plastic sleeve)0.14 mm² 1.5 mm²Nominal current17.5 AMaximum load current22 AMaximum total current26 ANominal voltage450 VConductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section rigid0.34 mm² 1.5 mm²	Connection data	
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Stripping length8 mm 10 mmInternal cylindrical gageA1 / B1Connection in acc. with standardIEC 60998-2-2Conductor cross section rigid0.14 mm² 2.5 mm²Cross section AWG26 14 (converted acc. to IEC)Conductor cross section flexible0.14 mm² 1.5 mm²Conductor cross section flexible [AWG]26 16 (converted acc. to IEC)Conductor cross section flexible [AWG]26 16 (converted acc. to IEC)Conductor cross section flexible [AWG]26 16 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.14 mm² 1.5 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.14 mm² 1.5 mm²Nominal current17.5 AMaximum load current22 AMaximum total current26 ANominal voltage450 VConductor cross section sdirectly pluggable0.34 mm² 2.5 mm²Conductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section figid [AWG]26 14 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Nominal cross section	1.5 mm <sup>2</sup>
Internal cylindrical gageA1 / B1Connection in acc. with standardIEC 60998-2-2Conductor cross section rigid0.14 mm² 2.5 mm²Cross section AWG26 14 (converted acc. to IEC)Conductor cross section flexible0.14 mm² 1.5 mm²Conductor cross section, flexible [AWG]26 16 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.14 mm² 1.5 mm²Conductor cross section (ferrule with plastic sleeve)0.14 mm² 1.5 mm²Nominal current17.5 AMaximum load current26 ANominal voltage450 VConductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section rigid0.34 mm² 1.5 mm²Conductor cross section rigid0.34 mm² 1.5 mm²	Rated cross section AWG	14
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Conductor cross section rigid0.14 mm² 2.5 mm²Cross section AWG26 14 (converted acc. to IEC)Conductor cross section flexible0.14 mm² 1.5 mm²Conductor cross section, flexible [AWG]26 16 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.14 mm² 1.5 mm²Conductor cross section flexible (ferrule without plastic sleeve)0.14 mm² 1.5 mm²Nominal current17.5 AMaximum load current22 AMaximum total current26 ANominal voltage450 VConductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section rigid [AWG]26 14 (converted acc. to IEC)Conductor cross section rigid [AWG]26 14 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.34 mm² 2.5 mm²	Internal cylindrical gage	A1 / B1
Cross section AWG26 14 (converted acc. to IEC)Conductor cross section flexible0.14 mm² 1.5 mm²Conductor cross section, flexible [AWG]26 16 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.14 mm² 1.5 mm²Conductor cross section (ferrule with plastic sleeve)0.14 mm² 1.5 mm²Nominal current17.5 AMaximum load current22 AMaximum total current26 ANominal voltage450 VConductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Connection in acc. with standard	IEC 60998-2-2
Conductor cross section flexible0.14 mm² 1.5 mm²Conductor cross section, flexible [AWG]26 16 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.14 mm² 1.5 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.14 mm² 1.5 mm²Nominal current17.5 AMaximum load current22 AMaximum total current26 ANominal voltage450 VConductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Conductor cross section rigid	0.14 mm <sup>2</sup> 2.5 mm <sup>2</sup>
Conductor cross section, flexible [AWG]26 16 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.14 mm² 1.5 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.14 mm² 1.5 mm²Nominal current17.5 AMaximum load current22 AMaximum total current26 ANominal voltage450 VConductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Cross section AWG	26 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)0.14 mm² 1.5 mm²Flexible conductor cross section (ferrule with plastic sleeve)0.14 mm² 1.5 mm²Nominal current17.5 AMaximum load current22 AMaximum total current26 ANominal voltage450 VConnection cross sections directly pluggableConductor cross section, rigid [AWG]0.34 mm² 2.5 mm²Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Conductor cross section flexible	0.14 mm <sup>2</sup> 1.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)0.14 mm² 1.5 mm²Nominal current17.5 AMaximum load current22 AMaximum total current26 ANominal voltage450 VConnection cross sections directly pluggableConductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Conductor cross section, flexible [AWG]	26 16 (converted acc. to IEC)
Nominal current17.5 AMaximum load current22 AMaximum total current26 ANominal voltage450 VConnection cross sections directly pluggableConductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm <sup>2</sup> 1.5 mm <sup>2</sup>
Maximum load current22 AMaximum total current26 ANominal voltage450 VConnection cross sections directly pluggableConductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm <sup>2</sup> 1.5 mm <sup>2</sup>
Maximum total current26 ANominal voltage450 VConnection cross sections directly pluggable0.34 mm² 2.5 mm²Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Nominal current	17.5 A
Nominal voltage450 VConnection cross sections directly pluggableConductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Maximum load current	22 A
Connection cross sections directly pluggable   0.34 mm² 2.5 mm²     Conductor cross section, rigid [AWG]   26 14 (converted acc. to IEC)     Conductor cross-section flexible (ferrule without plastic sleeve)   0.34 mm² 1.5 mm²	Maximum total current	26 A
Conductor cross section rigid0.34 mm² 2.5 mm²Conductor cross section, rigid [AWG]26 14 (converted acc. to IEC)Conductor cross-section flexible (ferrule without plastic sleeve)0.34 mm² 1.5 mm²	Nominal voltage	450 V
Conductor cross section, rigid [AWG]   26 14 (converted acc. to IEC)     Conductor cross-section flexible (ferrule without plastic sleeve)   0.34 mm <sup>2</sup> 1.5 mm <sup>2</sup>	Connection cross sections directly pluggable	
Conductor cross-section flexible (ferrule without plastic sleeve) 0.34 mm <sup>2</sup> 1.5 mm <sup>2</sup>	Conductor cross section rigid	0.34 mm² 2.5 mm²
	Conductor cross section, rigid [AWG]	26 14 (converted acc. to IEC)
Flexible conductor cross section (ferrule with plastic sleeve)   0.34 mm <sup>2</sup> 1.5 mm <sup>2</sup>	Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm² 1.5 mm²
	Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm² 1.5 mm²

Dimensions



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Width	37.4 mm
Height	21.6 mm
Depth	17.7 mm

#### Material specifications

Color	yellow
Flammability rating according to UL 94	V0
Insulating material group	1
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

#### Mechanical properties

Mechanical data	
Open side panel	No

#### Mechanical tests

Attachment on the carrier		
DIN rail/fixing support	NS 35/NS 15	
Result	Test passed	
Note	When aligning several blocks, it is recommended to either place a DIN rail adapter underneath the connection point or a flange element between the blocks.	
	For versions with 6 or 7 connections, it is enough to place one DIN rail adapter centrally per block and place flange elements after every other block.	
	When using the DIN rail adapter PTFIX-NS35, an aligned block must not protrude by more than a half.	

#### Environmental and real-life conditions

Time of exposure	30 s	
Result	Test passed	

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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, no longer than 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 60998-2-2
Mounting	
Mounting type	for snapping onto a DIN rail adapter
	Direct mounting with flange

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### Classifications

#### ECLASS

	ECLASS-11.0	27141120	
	ECLASS-13.0	27250118	
ETIM			
	ETIM 9.0	EC000897	
UNSPSC			
	UNSPSC 21.0	39121400	

3002770

https://www.phoenixcontact.com/us/products/3002770



### Environmental product compliance

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

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