

3273362

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Distribution block, Basic terminal block with supply, nom. voltage: 450 V, nominal current: 24 A, number of connections: 13, connection method: Push-in connection, Load contact, cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, Push-in connection, Line contact, Rated cross section: 6 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, mounting type: for snapping onto a DIN rail adapter, Direct mounting with flange, Free-hanging, color: brown

## Your advantages

- Space savings of up to 50 % on the DIN rail, thanks to transverse mounting
- · Flexible use, thanks to DIN rail mounting, direct mounting or adhesive mounting
- · Clear wiring, thanks to eleven different color variants
- Time savings of up to 80 %, thanks to ready-to-mount blocks without manual bridging
- · Time-saving conductor connection, thanks to tool-free Push-in direct connection technology

### Commercial data

Item number	3273362
Packing unit	8 pc
Minimum order quantity	8 pc
Sales key	BE09
Product key	BEA123
Catalog page	Page 443 (C-1-2019)
GTIN	4055626392509
Weight per piece (including packing)	30.05 g
Weight per piece (excluding packing)	9.99 g
Customs tariff number	85369010
Country of origin	PL



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## Technical data

## Notes

General	the blocks can be bridged with one another via the conductor shaft, for corresponding plug-in bridges, see accessories
General	
Note	The maximum load current of a single clamping unit must not be exceeded.
	For power distribution applications, IEC 60364-4-43.2008; modified + corrigendum Okt. 2008 (DIN VDE 0100-430:2010-10) section 433.2 ff must be observed!

## Product properties

Product type	Distributor terminal block
Number of connections	13
Number of rows	1
Potentials	1
Insulation characteristics	
Overvoltage category	III

## Electrical properties

Degree of pollution

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.77 W

## Connection data

Service Entrance	yes
Number of connections per level	13
Nominal cross section	2.5 mm²
Rated cross section AWG	14

## Load contact

Stripping length	8 mm 10 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60998-2-2
Conductor cross section rigid	0.14 mm² 4 mm²
Cross section AWG	26 12 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm² 2.5 mm²
Conductor cross section, flexible [AWG]	26 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² 2.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm² 2.5 mm²
Nominal current	24 A
Maximum load current	32 A (with 4 mm² conductor cross section)
Maximum total current	57 A (with 10 mm² conductor cross section)



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Stripping length  Connection in acc. with standard  Cross section rigid  Cross section AWG  Conductor cross section flexible  Conductor cross section flexible  Conductor cross section flexible  Conductor cross section flexible [AWG]  Conductor cross section, flexible [AWG]  Conductor cross section flexible (ferrule without plastic sleeve)  Flexible conductor cross-section flexible (2 conductors with the same cross-section flexible (2 conductors with the same cross-section, with TVINI ferrule and plastic sleeve)  2 conductors with the same cross section, flexible, with TVINI  Maximum load current  41 A (with 6 mm² conductor cross section)  Maximum load current  41 A (with 10 mm² conductor cross section)  Maximum load current  57 A (with 10 mm² conductor cross section)  and contact Connection cross sections directly pluggable  Conductor cross section, rigid [AWG]  Conductor cross section, rigid [AWG]  Conductor cross section flexible (ferrule without plastic sleeve)  7 Elexible conductor cross sections directly pluggable  Conductor cross section flexible (ferrule without plastic sleeve)  Conductor cross section flexible (ferrule without plastic sleeve)  1 mm² 2.5 mm²  Flexible conductor cross sections directly pluggable  Conductor cross-section flexible (ferrule without plastic sleeve)  1 mm² 2.5 mm²  Flexible conductor cross sections directly pluggable  Conductor cross-section flexible (ferrule without plastic sleeve)  1 mm² 2.5 mm²  Flexible conductor cross sections directly pluggable  Conductor cross-section flexible (ferrule without plastic sleeve)  1 mm² 6 mm²  1 mm² 6 mm²  Flexible conductor cross section flexible (ferrule without plastic sleeve)  1 mm² 6 mm²  2 mersions	Nominal voltage	450 V
Stripping length 10 mm 12 mm Connection in acc. with standard 1EC 60998-2-2 Conductor cross section rigid 0.5 mm² 10 mm² Cross section AWG 20 8 (converted acc. to IEC) Conductor cross section flexible 0.5 mm² 10 mm² Conductor cross section flexible (AWG) 20 10 (converted acc. to IEC) Conductor cross section flexible (Ferule without plastic sleeve) 0.5 mm² 6 mm² Flexible conductor cross section (ferule with plastic sleeve) 0.5 mm² 6 mm² Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve) 0.5 mm² 15 mm² Conductor cross-section, with TWIN ferrule and plastic sleeve) 0.5 mm² 15 mm² Conductor cross-section, with TWIN ferrule and plastic sleeve) 0.5 mm² 15 mm² Conductor cross-section with ferrule with plastic sleeve) 0.5 mm² 15 mm² Flexible conductor cross sections directly pluggable Conductor cross-section rigid (AWG) 24 12 (converted acc. to IEC) Conductor cross-section rigid (AWG) 24 12 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 0.34 mm² 2.5 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.34 mm² 2.5 mm² Flexible conductor cross-section flexible (ferrule with plastic sleeve) 0.34 mm² 2.5 mm² Flexible conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 10 mm² Conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section flexible (ferrule	ine contact	
Conductor cross section rigid  Cross section AWG  Conductor cross section flexible  Conductor cross section flexible  Conductor cross section flexible (Berule without plastic sleeve)  Conductor cross section flexible (Ferule without plastic sleeve)  Conductor cross section flexible (Ferule without plastic sleeve)  Flexible conductor cross section flexible (2 conductors with the same cross-section flexible (2 conductors with the same cross-section flexible (2 conductors with the same cross-section with TWIN ferule and plastic sleeve)  2 conductors with the same cross section, flexible, with TWIN ferule with plastic sleeve  2 conductors with the same cross section, flexible, with TWIN ferule with plastic sleeve  3 conductors with the same cross section, flexible, with TWIN ferule with plastic sleeve  4 1 A (with 6 mm² conductor cross section)  Maximum load current  5 7 A (with 10 mm² conductor cross section)  Asimum load current  5 7 A (with 10 mm² conductor cross section)  6 mm²  Conductor cross section rigid  Conductor cross-section flexible (ferule without plastic sleeve)  7 Exible conductor cross section flexible (ferule with plastic sleeve)  1 mm² 25 mm²  1 mm² 25 mm²  1 mm² 25 mm²  1 mm² 26 mm²  Conductor cross section flexible (ferule without plastic sleeve)  1 mm² 6 mm²  1 mm² 6 mm	Stripping length	10 mm 12 mm
Cross section AWG  Conductor cross section flexible  Conductor cross section flexible (AWG)  Conductor cross section flexible (AWG)  Conductor cross section flexible (AWG)  Conductor cross section flexible (ferrule with plastic sleeve)  O.5 mm² 6 mm²  Conductor cross-section flexible (2 conductors with the same cross-section with TWIN ferrule and plastic sleeve)  Conductor with TWIN ferrule and plastic sleeve)  Conductor with plastic sleeve  Nominal current  41 A (with 6 mm² conductor cross section)  Maximum load current  Al (with 10 mm² conductor cross section)  Maximum load current  An (with 10 mm² conductor cross section)  Conductor cross section rigid  Conductor cross section rigid  Conductor cross section flexible (ferrule without plastic sleeve)  Conductor cross section flexible (ferrule without plastic sleeve)  D.34 mm² 4 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  O.34 mm² 2.5 mm²  Flexible conductor cross section flexible (ferrule with plastic sleeve)  Conductor cross section rigid  Conductor cross section flexible (ferrule with plastic sleeve)  The without cross section flexible (ferrule with plastic sleeve)  Conductor cross section rigid  Conductor cross section flexible (ferrule with plastic sleeve)  The without cross section flexible (ferrule with plastic sleeve)  The without cross section flexible (ferrule with plastic sleeve)  The without cross section flexible (ferrule with plastic sleeve)  The max 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  The max 6 mm²  Th	Connection in acc. with standard	IEC 60998-2-2
Conductor cross section flexible  Conductor cross section flexible [AWG]  Conductor cross-section flexible (ferrule without plastic sleeve)  Flexible conductor cross-section flexible (ferrule with plastic sleeve)  Conductor cross-section flexible (conductors with the same cross-section, with TWIN ferrule and plastic sleeve)  2 conductors with the same cross-section, flexible, (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)  2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve  Nominal current  41 A (with 6 mm² conductor cross section)  Maximum load current  57 A (with 10 mm² conductor cross section)  Maximum load current  57 A (with 10 mm² conductor cross section)  And contact Connection cross section slirectly pluggable  Conductor cross section rigid  Conductor cross-section figid MWG]  Conductor cross-section figid [AWG]  Conductor cross-section figid	Conductor cross section rigid	0.5 mm² 10 mm²
Conductor cross section, flexible [AWG]  Conductor cross-section flexible (ferrule with plastic sleeve)  Conductor cross-section flexible (ferrule with plastic sleeve)  Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)  Conductor with the same cross section, flexible, with TWIN ferrule and plastic sleeve)  2 conductors with the same cross section, flexible, with TWIN ferrule and plastic sleeve)  Nominal current  41 A (with 6 mm² conductor cross section)  Maximum load current  57 A (with 10 mm² conductor cross section)  Nominal cross section  6 mm²  Conductor cross section rigid  Conductor cross section rigid [AWG]  Conductor cross section flexible (ferrule without plastic sleeve)  7 Elexible conductor cross section flexible (ferrule with plastic sleeve)  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 2.5 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 10 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  1 mm² 6 mm²  Conductor cross section flexible (ferrule with plastic sleeve)  2 ferrule with p	Cross section AWG	20 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)  Flexible conductor cross-section flexible (2 conductors with the same cross-section, with TVIN ferrule and plastic sleeve)  2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve)  2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve  Nominal current  41 A (with 6 mm² conductor cross section)  Maximum load current  57 A (with 10 mm² conductor cross section)  Nominal cross section  6 mm²  Conductor cross section rigid  0.34 mm² 4 mm²  Conductor cross section rigid  Conductor cross section flexible (ferrule without plastic sleeve)  0.34 mm² 2.5 mm²  Flexible conductor cross section flexible (ferrule without plastic sleeve)  1 mm² 2.5 mm²  1 mm² 10 mm²  Conductor cross section rigid  1 mm² 10 mm²  Conductor cross section flexible (ferrule without plastic sleeve)  1 mm² 6 mm²  1 mm² 10 mm²  Conductor cross section flexible (ferrule without plastic sleeve)  1 mm² 6 mm²  1 mm² 10 mm²  Conductor cross section flexible (ferrule without plastic sleeve)  1 mm² 6 mm²  1 mm² 10 mm²  Conductor cross section flexible (ferrule without plastic sleeve)  1 mm² 6 mm²  1 mm² 6	Conductor cross section flexible	0.5 mm² 10 mm²
Flexible conductor cross section (ferrule with plastic sleeve)  Conductor cross-section flexible (2 conductors with the same cross-section with TWIN ferrule and plastic sleeve)  2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve)  2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve  Nominal current  41 A (with 6 mm² conductor cross section)  Maximum load current  Nominal cross section  6 mm²  conductor cross section rigid  Conductor cross section rigid  Conductor cross section, rigid [AWG]  Conductor cross section, rigid [AWG]  Conductor cross section flexible (ferrule without plastic sleeve)  Conductor cross section flexible (ferrule with plastic sleeve)  Do 34 mm² 2.5 mm²  Flexible conductor cross section flexible (ferrule without plastic sleeve)  The conductor cross section rigid  Conductor cross section rigid  Conductor cross section rigid  The mm² 10 mm²  Conductor cross section rigid  Conductor cross section flexible (ferrule without plastic sleeve)  The mm² 6 mm²  The mm² 6 mm²  The mm² 10 mm²  The mm²	Conductor cross section, flexible [AWG]	20 10 (converted acc. to IEC)
Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)  2 conductors with the same cross section, flexible, with TWIN ferrule and plastic sleeve)  Nominal current  41 A (with 6 mm² conductor cross section)  Maximum load current  57 A (with 10 mm² conductor cross section)  Maximum load current  57 A (with 10 mm² conductor cross section)  Maximum load current  58 A (with 10 mm² conductor cross section)  Maximum load current  59 A (with 10 mm² conductor cross section)  Maximum load current  59 A (with 10 mm² conductor cross section)  Maximum load current  50 A (with 10 mm² conductor cross section)  Maximum load current  50 A (with 10 mm² conductor cross section)  Maximum load current  50 A (with 10 mm² conductor cross section)  Maximum load current  50 A (with 10 mm² conductor cross section)  Maximum load current  50 A (with 10 mm² conductor cross section)  Maximum load current  50 A (with 10 mm² conductor cross section)  Maximum load current  60 A mm² 4 mm²  60 A mm² 25 mm²  60 A mm² 26 mm²  60 A	Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm² 6 mm²
cross-section, with TWIN ferrule and plastic sleeve)  2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve  Nominal current  41 A (with 6 mm² conductor cross section)  Maximum load current  57 A (with 10 mm² conductor cross section)  Nominal cross section  6 mm²  and contact Connection cross sections directly pluggable  Conductor cross section, rigid [AWG]  Conductor cross section, rigid [AWG]  Conductor cross-section flexible (ferrule without plastic sleeve)  Conductor cross-section flexible (ferrule with plastic sleeve)  7 Exible conductor cross sections directly pluggable  Conductor cross-section flexible (ferrule with plastic sleeve)  Conductor cross-section flexible (ferrule with plastic sleeve)  1 mm² 2.5 mm²  1 mm² 2.5 mm²  1 mm² 6 mm²  1	Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm² 6 mm²
ferrule with plastic sleeve  Nominal current  At 1 A (with 6 mm² conductor cross section)  Maximum load current  So 7 A (with 10 mm² conductor cross section)  Nominal cross section  oad contact Connection cross sections directly pluggable  Conductor cross section figid  Conductor cross section, rigid [AWG]  Conductor cross section flexible (ferrule without plastic sleeve)  Plexible conductor cross section flexible (ferrule with plastic sleeve)  Conductor cross section flexible (ferrule with plastic sleeve)  Text and a mm² 2.5 mm²  Conductor cross section (ferrule with plastic sleeve)  Tonductor cross section rigid  Conductor cross section figid  The mm² 10 mm²  Conductor cross section flexible (ferrule without plastic sleeve)  The mm² 6 mm²  Plexible conductor cross section (ferrule with plastic sleeve)  The mm² 6 mm²  Text and	,	0.5 mm² 1.5 mm²
Maximum load current  Nominal cross section  6 mm²  conductor cross section directly pluggable  Conductor cross section rigid  Conductor cross section rigid  Conductor cross section flexible (ferrule without plastic sleeve)  Flexible conductor cross section flexible (ferrule with plastic sleeve)  Conductor cross section flexible (ferrule with plastic sleeve)  Flexible conductor cross section flexible (ferrule with plastic sleeve)  Conductor cross section flexible (ferrule with plastic sleeve)  Image: Lambar and the plastic sleeve on the plastic		0.5 mm <sup>2</sup> 1.5 mm <sup>2</sup>
Nominal cross section  oad contact Connection cross sections directly pluggable  Conductor cross section rigid  Conductor cross section flexible (ferrule without plastic sleeve)  Plexible conductor cross section rigid  Conductor cross section (ferrule with plastic sleeve)  O.34 mm² 2.5 mm²  Plexible conductor cross sections directly pluggable  Conductor cross section rigid  Conductor cross section rigid  1 mm² 10 mm²  Conductor cross-section flexible (ferrule without plastic sleeve)  1 mm² 6 mm²  Plexible conductor cross section (ferrule with plastic sleeve)  1 mm² 6 mm²  Plexible conductor cross section (ferrule with plastic sleeve)  1 mm² 6 mm²  1 mm²	Nominal current	41 A (with 6 mm² conductor cross section)
Conductor cross section rigid Conductor cross section, rigid [AWG] Conductor cross section, rigid [AWG] Conductor cross section, rigid [AWG] Conductor cross section flexible (ferrule without plastic sleeve) Plexible conductor cross section (ferrule with plastic sleeve) O.34 mm² 2.5 mm² Flexible conductor cross section sdirectly pluggable Conductor cross section rigid Conductor cross section flexible (ferrule without plastic sleeve) I mm² 10 mm² Conductor cross-section flexible (ferrule without plastic sleeve) I mm² 6 mm² Flexible conductor cross section (ferrule with plastic sleeve) I mm² 6 mm² Flexible conductor cross section (ferrule with plastic sleeve) I mm² 6 mm²  Tensions  Width 41 mm Height 28.6 mm Depth 21.7 mm  terial specifications  Color brown Flammability rating according to UL 94 V0 Insulating material group I Insulating material group I Insulating material application in cold Fermperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) Relative insulation material temperature index (Elec., UL 746 B) Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3	Maximum load current	57 A (with 10 mm² conductor cross section)
Conductor cross section rigid  Conductor cross section, rigid [AWG]  Conductor cross section flexible (ferrule without plastic sleeve)  Flexible conductor cross section (ferrule with plastic sleeve)  Conductor cross section (ferrule with plastic sleeve)  Ine contact Connection cross sections directly pluggable  Conductor cross section rigid  Conductor cross section flexible (ferrule without plastic sleeve)  I mm² 10 mm²  Conductor cross-section flexible (ferrule without plastic sleeve)  I mm² 6 mm²  Flexible conductor cross section (ferrule with plastic sleeve)  I mm² 6 mm²  Height  28.6 mm  Depth  21.7 mm   terrial specifications  Color  brown  Flammability rating according to UL 94  V0  Insulating material group  Insulating material application in cold  Fermionation of the color of the	Nominal cross section	6 mm²
Conductor cross section, rigid [AWG]  Conductor cross section flexible (ferrule without plastic sleeve)  Flexible conductor cross section (ferrule with plastic sleeve)  Flexible conductor cross section (ferrule with plastic sleeve)  Conductor cross section rigid  Conductor cross section rigid  Conductor cross section flexible (ferrule without plastic sleeve)  I mm² 10 mm²  Conductor cross section flexible (ferrule without plastic sleeve)  I mm² 6 mm²  Flexible conductor cross section (ferrule with plastic sleeve)  I mm² 6 mm²  Inensions  Width  41 mm  Height  28.6 mm  Depth  21.7 mm   Iterial specifications  Color  brown  Flammability rating according to UL 94  Insulating material group  Insulating material group  Insulating material application in cold  -60 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Relative insulation material temperature index (Elec., UL 746 B)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	oad contact Connection cross sections directly pluggable	
Conductor cross-section flexible (ferrule without plastic sleeve)  Flexible conductor cross section (ferrule with plastic sleeve)  O.34 mm² 2.5 mm²  O.34 mm² 2.5 mm²  Ine contact Connection cross sections directly pluggable  Conductor cross section rigid  Conductor cross-section flexible (ferrule without plastic sleeve)  I mm² 10 mm²  Conductor cross-section flexible (ferrule without plastic sleeve)  I mm² 6 mm²  Flexible conductor cross section (ferrule with plastic sleeve)  I mm² 6 mm²  Inensions  Width  41 mm  Height  28.6 mm  Depth  21.7 mm   terial specifications  Color  brown  Flammability rating according to UL 94  Insulating material group  Insulating material group  Insulating material application in cold  -60 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Relative insulation material temperature index (Elec., UL 746 B)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Conductor cross section rigid	0.34 mm² 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)  ine contact Connection cross sections directly pluggable  Conductor cross section rigid  1 mm² 10 mm²  Conductor cross-section flexible (ferrule without plastic sleeve)  1 mm² 6 mm²  Flexible conductor cross section (ferrule with plastic sleeve)  1 mm² 6 mm²  Heixible conductor cross section (ferrule with plastic sleeve)  1 mm² 6 mm²  Heixible conductor cross section (ferrule with plastic sleeve)  28.6 mm  Depth  21.7 mm  Height  Depth  21.7 mm  Herial specifications  Color  brown  Flammability rating according to UL 94  Insulating material group  Insulating material group  Insulating material application in cold  -60 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Relative insulation material temperature index (Elec., UL 746 B)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Conductor cross section, rigid [AWG]	24 12 (converted acc. to IEC)
ine contact Connection cross sections directly pluggable  Conductor cross section rigid  Conductor cross-section flexible (ferrule without plastic sleeve)  Flexible conductor cross section (ferrule with plastic sleeve)  Tenensions  Width  Height  28.6 mm  Depth  21.7 mm   terrial specifications  Color  Flammability rating according to UL 94  Insulating material group  Insulating material application in cold  Static insulating material application in cold  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Relative insulation material temperature index (Elec., UL 746 B)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm² 2.5 mm²
Conductor cross section rigid  1 mm² 10 mm²  Conductor cross-section flexible (ferrule without plastic sleeve)  1 mm² 6 mm²  1 mm²	Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm² 2.5 mm²
Conductor cross section rigid  1 mm² 10 mm²  Conductor cross-section flexible (ferrule without plastic sleeve)  1 mm² 6 mm²  1 mm²	ine contact Connection cross sections directly pluggable	
Conductor cross-section flexible (ferrule without plastic sleeve)  Flexible conductor cross section (ferrule with plastic sleeve)  1 mm² 6 mm²  1 mm² 6		1 mm² 10 mm²
Flexible conductor cross section (ferrule with plastic sleeve)  1 mm² 6 mm²  Midth  41 mm  41 mm  28.6 mm  Depth  21.7 mm  terial specifications  Color  brown  Flammability rating according to UL 94  Vo  Insulating material group  Insulating material application in cold  Static insulating material application in cold  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Relative insulation material temperature index (Elec., UL 746 B)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3	·	1 mm² 6 mm²
Width 41 mm  Height 28.6 mm  Depth 21.7 mm  terial specifications  Color brown  Flammability rating according to UL 94 V0  Insulating material group I  Insulating material application in cold -60 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  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	,	1 mm² 6 mm²
Height 28.6 mm Depth 21.7 mm  terial specifications  Color brown Flammability rating according to UL 94 V0 Insulating material group I Insulating material PA Static insulating material application in cold -60 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  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	nensions	
Height 28.6 mm Depth 21.7 mm  terial specifications  Color brown Flammability rating according to UL 94 V0 Insulating material group I Insulating material PA Static insulating material application in cold -60 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  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	Width	41 mm
Depth 21.7 mm  terial specifications  Color brown  Flammability rating according to UL 94 V0  Insulating material group I  Insulating material PA  Static insulating material application in cold -60 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  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	Height	
terial specifications  Color brown  Flammability rating according to UL 94  Insulating material group  Insulating material proup  Insulating material application in cold  Static insulating material application in cold  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Relative insulation material temperature index (Elec., UL 746 B)  Fire protection for rail vehicles (DIN EN 45545-2) R22  HL 1 - HL 3		21.7 mm
Color  Flammability rating according to UL 94  V0  Insulating material group  Insulating material application in cold  Static insulating material application in cold  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Relative insulation material temperature index (Elec., UL 746 B)  Fire protection for rail vehicles (DIN EN 45545-2) R22  brown  V0  PA  130 °C  130 °C  HL 1 - HL 3	terial specifications	
Flammability rating according to UL 94  Insulating material group  Insulating material  PA  Static insulating material application in cold  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Relative insulation material temperature index (Elec., UL 746 B)  Fire protection for rail vehicles (DIN EN 45545-2) R22  V0  PA  130 °C  130 °C  HL 1 - HL 3	·	brown
Insulating material group  Insulating material  PA  Static insulating material application in cold  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Relative insulation material temperature index (Elec., UL 746 B)  Tire protection for rail vehicles (DIN EN 45545-2) R22  Illustration paterial spoul protection for rail vehicles (DIN EN 45545-2) R22  Illustration protection for rail vehicles (DIN EN 45545-2) R22  Illustration protection for rail vehicles (DIN EN 45545-2) R22		
Insulating material PA  Static insulating material application in cold -60 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  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	· · · · · · · · · · · · · · · · · · ·	
Static insulating material application in cold  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  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		
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  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		
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	Temperature index of insulation material (DIN EN 60216-1 (VDE	
Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3		130 °C
		HL 1 - HL 3
		HL 1 - HL 3



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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
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## 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

#### Needle-flame test

Time of exposure	30 s
Result	Test passed
Oscillation/broadband noise	
Specification	DIN EN 50155 (VDE 0115-200):2008-03

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Spectrum	Service life test category 2, bogie-mounted
Frequency	$f_1 = 5 \text{ Hz to } f_2 = 250 \text{ Hz}$
ASD level	6.12 (m/s²)²/Hz
Acceleration	3.12g

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Test duration per axis	5 h
Test directions	X Y- and Z-axis

Result	Test passed
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## Shocks

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3



3273362

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Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed
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, 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 %
andards and regulations	
Connection in acc. with standard	IEC 60998-2-2
	IEC 60998-2-2
ounting	
Mounting type	for snapping onto a DIN rail adapter
	Direct mounting with flange
	Free-hanging

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