

3214080

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Potential collective terminal, In the end application, the applicable safety regulations for overload and short-circuit protection on the connected conductors must be considered., nom. voltage: 1000 V, nominal current: 105 A, 1st level connection left, connection method: Screw connection, cross section: 1.5 mm² - 50 mm², First level connection, interior, connection method: Push-in connection, Rated cross section: 6 mm², cross section: 0.5 mm² - 10 mm², mounting: NS 35/7,5, NS 35/15, color: gray

Your advantages

- The terminal block base is ideal for use in building installation and machine building applications
- The compact design and front connection enable wiring in a confined space

 space

 in a confined space

 in a
- · In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors

Commercial data

Item number	3214080
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	BE22
Product key	BE2219
GTIN	4055626167619
Weight per piece (including packing)	73.375 g
Weight per piece (excluding packing)	76.8 g
Customs tariff number	85369010
Country of origin	CN



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Technical data

Notes

Notes on operation	In the end application, the applicable safety regulations for
	overload and short-circuit protection on the connected
	conductors must be considered.

Product properties

Product type	Potential distributor
Product family	PTU
Number of connections	11
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	4.06 W

Connection data

Service Entrance	yes
Number of connections per level	11

1st level connection left

1st level connection left	
Connection method	Screw connection
Screw thread	M6
Tightening torque	3.2 3.7 Nm
Stripping length	18 mm
Internal cylindrical gage	B9
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	1.5 mm² 50 mm²
Cross section AWG	14 2 (converted acc. to IEC)
Conductor cross-section flexible	1.5 mm² 50 mm²
Conductor cross-section, flexible [AWG]	14 2 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm² 35 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	1.5 mm² 35 mm²
2 conductors with same cross section, solid	1.5 mm² 16 mm²
2 conductors with the same cross-section AWG rigid	16 6 (converted acc. to IEC)
2 conductors with same cross section, flexible	1.5 mm² 10 mm²
2 conductors with the same cross-section AWG flexible	16 8 (converted acc. to IEC)
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	1.5 mm² 10 mm²



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Nominal voltage 1000 V st level connection, interior Connection method Push-in of Stripping length 12 mm Connection in acc. with standard IEC 6094 Conductor cross-section rigid 0.5 mm² Conductor cross-section flexible 0.5 mm² Conductor cross-section flexible [AWG] 20 10 i Conductor cross-section flexible (ferrule without plastic sleeve) 0.5 mm² Elexible conductor cross-section (ferrule with plastic sleeve) 0.5 mm² Conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve) Nominal current 41 A Maximum load current 41 A Mominal voltage 1000 V Stripping length 8 mm Connection method Push-in of Stripping length 8 mm Conductor cross-section flexible [AWG] 0.14 mm² Connection in acc. with standard 1EC 6094 Conductor cross-section flexible [AWG] 26 12 i Conductor cross-section flexible [AWG] 26 14 i Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² Elexible conductor cross-section flexible (ferrule with plastic sleeve) 0.14 mm² Conductor cross-section flexible (ferrule with plastic sleeve) 0.14 mm² Elexible conductor cross-section flexible (ferrule with plastic sleeve) 0.15 mm² Conductor cross-section flexible (ferrule with plastic sleeve) 0.14 mm² Conductor cross-section flexible (ferrule with plastic sleeve) 0.5 mm² Elexible conductor cross-section flexible (with TWIN 0.5 mm² Conductor with the same cross section, flexible, with TWIN 0.5 mm² Conductor with plastic sleeve 0.14 mm² Conductor conductor cross-section flexible (with plastic sleeve) 0.14 mm² Conductor with plastic sleeve 0.14 mm² Conductor with plastic sleeve	Push-in connection 12 mm IEC 60947-7-1 0.5 mm² 10 mm² 20 8 (converted acc. to IEC) 0.5 mm² 6 mm² 20 10 (converted acc. to IEC) 0.5 mm² 10 mm² c sleeve) 0.5 mm² 10 mm² with TWIN 0.5 mm² 1.5 mm² 41 A 41 A 41 A 1000 V 6 mm² Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) with TWIN 0.5 mm² 2.5 mm² 24 A 24 A 1000 V 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) stic sleeve) 1 mm² 10 mm² 18 8 (converted acc. to IEC)	total current of all connected conductors.) Nominal voltage It level connection, interior Connection method Push-in connection Stripping length 12 mm Conductor cross-section rigid Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible (AWG) Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (AWG) Conductor cross-section flexible (ferrule with push of the conductor with the same cross section, flexible, with TWIN Connection in acc. with standard Connection right Connection in sci. Connection in sci. Connection in acc. with standard Connection section Connection flexible Connection section Connection flexible Connection section flexible Connection in acc. with standard Connection in acc. with standa	Nominal current	105 A
st level connection, interior Connection method Push-in or Stripping length 12 mm Connection in acc. with standard IEC 6094 Conductor cross-section rigid 0.5 mm² Cross section AWG 20 8 (c Conductor cross-section flexible 0.5 mm² Conductor cross-section flexible [AWG] 20 10 c Conductor cross-section flexible (ferrule without plastic sleeve) 0.5 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.5 mm² 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 41 A Maximum load current 41 A Nominal voltage 1000 V Nominal cross section Stripping length 8 mm 1000 V Stripping length 8 mm 1000 V Conductor cross-section rigid 0.14 mm² Cross section AWG 26 12 c Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² Flexible conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² Conductor cross-section flexible (ferrule with plastic sleeve) 0.14 mm² Conductor cross-section flexible (ferrule with plastic sleeve) 0.14 mm² Conductor with the same cross section, flexible, with TWIN 0.5 mm² ferrule with plastic sleeve 0.14 mm² Conductors with the same cross section, flexible, with TWIN 0.5 mm² ferrule with plastic sleeve 0.14 mm² Amaximum load current 24 A Maximum load current 24 A Maximum load current 0.25 mm² st level connection, interior Connection cross sections directly pluggable	Push-in connection 12 mm IEC 60947-7-1 0.5 mm² 10 mm² 20 8 (converted acc. to IEC) 0.5 mm² 6 mm² 20 10 (converted acc. to IEC) 0.5 mm² 10 mm² coleeve) 0.5 mm² 10 mm² coleeve) 0.5 mm² 10 mm² 41 A 41 A 41 A 41 A 1000 V 6 mm² Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² 27 a 15 mm² 28 a 15 mm² 29 a 15 mm² 20 a 15 mm² 20 a 15 mm² 21 a 15 mm² 22 a 15 mm² 23 a 15 mm² 24 a 1000 V 25 mm² 25 mm² 26 a 16 mm² 17 a 10 mm² 18 a 8 (converted acc. to IEC) 18 a 8 (converted acc. to IEC) 18 a 8 (converted acc. to IEC)	At level connection, interior Connection method Bripping length 12 mm Conductor cross-section rigid 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 (Iferule with plastic sleeve) Conductor cross-section flexible (Iferule with plastic sleeve) Conductor cross-section flexible (Iferule with plastic sleeve) Conductor with the same cross section, flexible, with TWIN Conductor with the same cross section, flexible, with TWIN Conductor with the same cross section, flexible, with TWIN Conductor with plastic sleeve Conductor with plastic sleeve Conductor with plastic sleeve Conductor with the same cross section, flexible, with TWIN Connection right Connection right Connection method Conductor cross-section Conductor cross-section flexible Conductor cross-section flexible (forrule with plastic sleeve) Conductor cross-section flexible (forrule with pla	Maximum load current	`
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Stripping length Connection in acc. with standard Conductor cross-section rigid Cross section AWG Conductor cross-section flexible Conductor cross-section flexible (AWG) Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current Maximum load current A1 A Nominal voltage Nominal cross section t level connection right Connection method Push-in conductor cross-section flexible Conductor cross-section flexible (AWG) Conductor cross-section flexible (AWG) Conductor cross-section flexible (Ferrule without plastic sleeve) O.14 mm² Flexible conductor cross-section flexible (ferrule without plastic sleeve) O.14 mm² Conductor cross-section flexible (ferrule without plastic sleeve) O.14 mm² Conductor cross-section flexible (ferrule with plastic sleeve) O.14 mm² Conductor with the same cross section, flexible, with TWIN (O.5 mm² ferrule with plastic sleeve) Nominal current Aximum load current Aximum load current Aximum load current Aximum load current Nominal voltage Nominal cross section, interior Connection cross sections directly pluggable	12 mm IEC 60947-7-1 0.5 mm² 10 mm² 20 8 (converted acc. to IEC) 0.5 mm² 10 mm² 20 10 (converted acc. to IEC) 0.5 mm² 10 mm² 20 10 (converted acc. to IEC) 0.5 mm² 10 mm² c sleeve) 0.5 mm² 10 mm² with TWIN 0.5 mm² 1.5 mm² 41 A 41 A 41 A 1000 V 6 mm² Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 25 mm² with TWIN 0.5 mm² 1.5 mm² 0.5 mm² 0.5 mm² 1.5 mm² 0.5 m	Stripping length Connection in acc. with standard Conductor cross-section figid Conductor cross-section figid Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section, flexible [AWG] Conductor cross-section flexible (errule with plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section flexible, with TWIN Conductor cross-section flexible, with TWIN Conductor cross-section flexible Conductor cross-section Conductor cross-section Conductor cross-section Conductor cross-section Conductor cross-section Conductor cross-section Conductor cross-section flexible Conductor cross-section flexible (Errule without plastic sleeve) Conductor cross-section flexible (Errule without plastic slee	est level connection, interior	
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Cross section AWG Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) Conductor with the same cross section, flexible, with TWIN Conductor with plastic sleeve Nominal current A1 A Maximum load current A1 A Nominal voltage Nominal cross section Connection method Push-in connection in acc. with standard Connection in acc. with standard Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor with the same cross section, flexible, with TWIN Conductor with plastic sleeve Nominal current Aximum load current Ca4 A Maximum load current Conductor cross-section Conductor cross-section Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current Conductor cross-section flexible (ferrule with plastic sleeve)	20 8 (converted acc. to IEC) 0.5 mm² 6 mm² 20 10 (converted acc. to IEC) 0.5 mm² 10 mm² c sleeve) 0.5 mm² 10 mm² with TWIN 0.5 mm² 1.5 mm² 41 A 41 A 1000 V 6 mm² Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 10 mm² 18 8 (converted acc. to IEC)	Proses section AWG Conductor cross-section flexible Conductor cross-section flexible [AWG] Conductor cross-section flexible (terrule without plastic sleeve) Conductor cross-section flexible (terrule without plastic sleeve) Conductor cross-section flexible (terrule with plastic sleeve) Conductor with the same cross section, flexible, with TWIN Conductor with plastic sleeve Conductors with the same cross section, flexible, with TWIN Conductor with plastic sleeve Conductors with plastic sleeve Conductor with standard Elec 60947-7-1 Conductor cross-section rigid Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible (ferrule with plastic sleeve) Conductor with the same cross section, flexible with TWIN conductor with the same cross section, flexible with TWIN conductor with the same cross section flexible Conductor with the same cross section, flexible with TWIN conductor with the same cross section, flexible with TWIN conductor with the same cross section flexible with TWIN conductor with the same cross section flexible with TWIN conductor with the same cross section flexible with TWIN conductor with the same cross section flexible with TWIN conductor cross-section flexible without plastic sleeve) Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule	Connection in acc. with standard	IEC 60947-7-1
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Conductor cross-section, flexible [AWG] 20 10 (Conductor cross-section flexible (ferrule without plastic sleeve) 0.5 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.5 mm² 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 41 A Maximum load current 41 A Nominal voltage 1000 V Nominal cross section 6 mm² St level connection right Connection method Push-in conductor cross-section rigid 0.14 mm² Conductor cross-section flexible [AWG] 26 12 (Conductor cross-section flexible (Conduct	20 10 (converted acc. to IEC) astic sleeve)	Conductor cross-section, flexible (AWG) Conductor cross-section flexible (rerule without plastic sleeve) Conductor cross-section flexible (rerule with plastic sleeve) Conductors with the same cross section, flexible, with TWIN advantage Conductors with the same cross section, flexible, with TWIN description of the conductor cross-section (ferrule with plastic sleeve) Conductors with the same cross section, flexible, with TWIN description and course Connection right Connection method Connection method Connection in acc. with standard Conductor cross-section rigid Consection in acc. with standard Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible (AWG) Conductor cross-section flexible (Ferrule with plastic sleeve) Conductor cross-section flexible (Ferrule with plastic sleeve) Conductor with the same cross section, flexible, with TWIN Consultage Conductor cross-section (ferrule with plastic sleeve) Conductor cross-section figid 1 mm² 10 mm² Conductor cross-section figid (Ferrule with plastic sleeve) Conductor cross-section figid (Ferrule with plastic sleeve) Conductor cross-section figid (Ferrule with plastic sleeve) 1 mm² 6 mm² Level connection right Connection cross sections directly pluggable	Cross section AWG	20 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) Plexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 41 A Maximum load current 41 A Nominal voltage Nominal cross section 6 mm² St level connection right Connection method Stripping length Connection in acc. with standard Conductor cross-section rigid Cross section AWG Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) 1000 V 26 14 G Conductor with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current Maximum load current Maximum load current Maximum load current Maximum load current Nominal ross section Tetale connection, interior Connection cross sections directly pluggable	astic sleeve)	Conductor cross-section flexible (ferrule without plastic sleeve) O.5 mm² 10 mm² Clexible conductor cross-section (ferrule with plastic sleeve) O.5 mm² 1.5 mm² Clexible conductors with the same cross section, flexible, with TWIN conductors with the same cross section, flexible, with TWIN control of mm² Al A	Conductor cross-section flexible	0.5 mm² 6 mm²
Flexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 41 A Maximum load current 41 A Nominal voltage 1000 V Nominal cross section 6 mm² St level connection right Connection method Push-in connection in acc. with standard EC 6094 Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current Maximum load current Maximum load current Maximum load current Nominal voltage Nominal cross section 1000 V Post place with pluggable Post pluggable Post pluggable	c sleeve) 0.5 mm² 10 mm² with TWIN 0.5 mm² 1.5 mm² 41 A 41 A 1000 V 6 mm² Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² astic sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 1000 V 2.5 mm² 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) 1 mm² 6 mm²	Elexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN 2 conductors with plastic sleeve 3 conductors with plastic sleeve 4 conductors with plastic sleeve 5 conductor cross-section 6 conductor cross-section flexible 6 conductor cross-section flexible (ferrule without plastic sleeve) 8 conductor cross-section flexible 9 conductor cross-section flexible, with TWIN 10 conductor cross-section flexible, with TWIN 10 conductor cross-section flexible (ferrule without plastic sleeve) 10 conductor cross-section flexible (ferrule without plastic sleeve) 10 conductor with plastic sleeve 10 conductors with the same cross section, flexible, with TWIN 10 conductors with plastic sleeve 10 conductor cross-section flexible (ferrule without plastic sleeve) 10 conductor cross-section flexible (ferrule without plastic s	Conductor cross-section, flexible [AWG]	20 10 (converted acc. to IEC)
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 41 A Maximum load current 41 A Nominal voltage 1000 V Nominal cross section 6 mm² It level connection right Connection method Push-in conductor cross-section rigid Conductor cross-section rigid Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) 1.14 mm² 1.15 Conductor cross-section flexible (ferrule with plastic sleeve) 1.15 Conductor cross-section flexible (ferrule with plastic sleeve) 1.16 conductor with the same cross section, flexible, with TWIN 1.16 ferrule with plastic sleeve Nominal current 1.17 A Maximum load current 1.18 A Maximum load current 1.19 A Maximum load current 1.10 A Maximum load current 1.10 A Maximum load current 1.11 A Maximum load current 1.12 A Maximum load current 1.13 A Maximum load current 1.14 A Mominal voltage 1.15 C Mominal cross section 1.15 C Mominal cross section 1.16 C Mominal cross section 1.17 C Mominal cross section 1.18 C Mominal cross section 1.18 C Mominal cross section 1.19 C Mominal cross section 1.10	with TWIN 0.5 mm² 1.5 mm² 41 A 41 A 1000 V 6 mm² Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Conductors with the same cross section, flexible, with TWIN errule with plastic sleeve Nominal current 41 A Nominal voltage 1000 V Nominal cross section 6 mm² Ievel connection right Connection method Stripping length Connection in acc. with standard Conductor cross-section figid Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible (ferrule with plastic sleeve) Nominal current 24 A Maximum load current Abanianal voltage Nominal cross section 1000 V Nominal current 24 A Maximum load current 25 mm² 1000 V Nominal cross section rigid 1 mm² 10 mm² 1 mm² 10 mm² 1 mm² 10 mm² 1 mm² 6 mm²	Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm² 10 mm²
ferrule with plastic sleeve Nominal current A1 A Maximum load current A1 A Nominal voltage Nominal cross section Ret level connection right Connection method Stripping length Connection in acc. with standard Conductor cross-section rigid Cross section AWG Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current Maximum load current Nominal voltage Nominal cross section ret level connection, interior Connection cross sections directly pluggable	41 A 41 A 1000 V 6 mm² Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² 2	errule with plastic sleeve Nominal current 41 A Alaximum load current 41 A Nominal voltage 1000 V Nominal cross section 6 mm² Level connection right Connection method Push-in connection 8 mm 10 mm Connection in acc. with standard Connection ross-section rigid Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductors with the same cross section, flexible, with TWIN errule with plastic sleeve Nominal current 24 A Maximum load current 25 mm² Al tevel connection, interior Connection cross sections directly pluggable Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 10 mm² 1 mm² 6 mm² Level connection right Connection cross sections directly pluggable Level connection right Connection cross sections directly pluggable	Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm² 10 mm²
Maximum load current Nominal voltage Nominal cross section Ret level connection right Connection method Stripping length Connection in acc. with standard Conductor cross-section rigid Conductor cross-section rigid Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current Aximum load current Nominal voltage Nominal cross section, interior Connection cross sections directly pluggable	41 A 1000 V 6 mm² Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 15 mm² 26 16 converted acc. to IEC) 27 matrix sleeve) 18 mm² 1.5 mm² 29 matrix sleeve) 1 mm² 10 mm² 18 8 (converted acc. to IEC) 1 mm² 6 mm²	Maximum load current Al A Nominal voltage Nominal cross section Revel connection right Connection method Bripping length Connection in acc. with standard Conductor cross-section rigid Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible (Iferrule with plastic sleeve) Al A mm² 2.5 mm² Conductor swith the same cross section, flexible, with TWIN Conductors with the same cross section, flexible, with TWIN Al A mm² 2.5 mm² Conductors with the same cross section, flexible, with TWIN Conductors with the same cross section flexible, with TWIN Conductors with the same cross section flexible with a minute current Conductors with the same cross section flexible with TWIN Conductors with the same cross section flexible with TWIN Conductors with the same cross section flexible with TWIN Conductors with the same cross section flexible with TWIN Conductors with the same cross section flexible with TWIN Conductors with the same cross section flexible with TWIN Conductors with the same cross section flexible with TWIN Conductors with the same cross section flexible with TWIN Conductors with the same cross section Conductor cross-section Conductor cross-section Conductor cross-section rigid Conductor cross-section rigid Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section rigid Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible without plastic sleeve) Conductor cross-section flexible without plastic sleeve Conductor cross-section flex	•	0.5 mm² 1.5 mm²
Nominal voltage 1000 V Nominal cross section 6 mm² st level connection right Connection method Push-in connection in acc. with standard IEC 6094 Conductor cross-section rigid 0.14 mm² Cross section AWG 26 12 conductor cross-section flexible [AWG] 26 14 conductor cross-section flexible [AWG] 26 14 conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² Conductor cross-section flexible (ferrule with plastic sleeve) 0.14 mm² Elexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² Conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section interior Connection cross sections directly pluggable	1000 V 6 mm² Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 15 mm² 27 mstic sleeve) 0.14 mm² 2.5 mm² 0.5 mm² 1.5 mm² 29 mstic sleeve) 10 ms² 1.5 mm² 20 mstic sleeve) 10 ms² 10 mm² 10 ms² 10 mm² 11 ms² 10 mm² 12 mstic sleeve) 11 mm² 10 mm² 13 mstic sleeve) 11 mm² 6 mm²	Nominal voltage 1000 V Nominal cross section 6 mm² Nominal cross section Push-in connection inght Connection method Push-in connection Stripping length 8 mm 10 mm Connection in acc. with standard IEC 60947-7-1 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 (ferrule without plastic sleeve) 0.14 mm² 2.5 mm² Conductor cross-section flexible (ferrule with plastic sleeve) 0.14 mm² 2.5 mm² Prevalue conductor cross-section flexible (ferrule with plastic sleeve) 0.14 mm² 2.5 mm² Conductors with the same cross section, flexible, with TWIN 0.5 mm² 1.5 mm² Nominal current 24 A Maximum load current 24 A Nominal current 25 A Nominal cross section 1 (acc) 1000 V Conductor cross-section rigid 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 Level connection right Connection cross sections directly pluggable	Nominal current	41 A
Nominal cross section 6 mm² It level connection right Connection method Push-in or Stripping length 8 mm Connection in acc. with standard IEC 6094 Conductor cross-section rigid 0.14 mm² Cross section AWG 26 12 (Conductor cross-section flexible 0.14 mm² Conductor cross-section, flexible [AWG] 26 14 (Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section interior Connection cross sections directly pluggable	Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) astic sleeve) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Assiminal cross section 6 mm² Revel connection right Connection method Push-in connection Stripping length 8 mm 10 mm Dennection in acc. with standard IEC 60947-7-1 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 Conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2.5 mm² Conductors with the same cross section, flexible, with TWIN errule with plastic sleeve) Nominal current 24 A Maximum load current 24 A Maximum load current 24 A Mominal voltage 1000 V Nominal cross section Lievel connection, interior Connection cross sections directly pluggable Conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 10 mm² Conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 6 mm² Texible conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 6 mm² Hevel connection right Connection cross sections directly pluggable	Maximum load current	41 A
Stripping length 8 mm Connection method Push-in of Stripping length 8 mm Connection in acc. with standard IEC 6094 Conductor cross-section rigid 0.14 mm Cross section AWG 26 12 (1) Conductor cross-section flexible 0.14 mm Conductor cross-section, flexible [AWG] 26 14 (1) Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm Flexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section interior Connection cross sections directly pluggable	Push-in connection 8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) 0.14 mm² 2.5 mm² 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	level connection right Connection method Push-in connection Stripping length 8 mm 10 mm Connection in acc. with standard IEC 60947-7-1 Conductor cross-section rigid 0.14 mm² 4 mm² Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) Conductors with the same cross section, flexible, with TWIN Conductors with the same cross section, flexible, with TWIN Conductors with plastic sleeve Nominal current 24 A Maximum load current 24 A Maximum load current 24 A Mominal voltage 1000 V Conductor cross-section 2.5 mm² It level connection, interior Connection cross sections directly pluggable Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 10 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² Hevel connection right Connection cross sections directly pluggable	Nominal voltage	1000 V
Connection method Stripping length Connection in acc. with standard Conductor cross-section rigid Cross section AWG Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Plexible conductor cross-section (ferrule with plastic sleeve) Conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current Amaximum load current Amaximum load current Conductor cross section Conductors section Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Condu	8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) astic sleeve) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Connection method Stripping length Stripping length Sonnection in acc. with standard Connection in acc. with standard Conductor cross-section rigid Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor with the same cross section, flexible, with TWIN Conductors with the same cross section, flexible, with TWIN Conductors with plastic sleeve Conductor cross-section Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic slee	Nominal cross section	6 mm²
Connection method Stripping length Connection in acc. with standard Conductor cross-section rigid Cross section AWG Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) 1.14 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² rest level connection, interior Connection cross sections directly pluggable	8 mm 10 mm IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) astic sleeve) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Connection method Stripping length Stripping length Sonnection in acc. with standard Connection in acc. with standard Conductor cross-section rigid Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible Conductor cross-section flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor with the same cross section, flexible, with TWIN Conductors with the same cross section, flexible, with TWIN Conductors with plastic sleeve Conductor cross-section Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic slee	t level connection right	
Connection in acc. with standard Conductor cross-section rigid Cross section AWG Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Plexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current Amaximum load current Amaximum load current Nominal voltage Nominal cross section 2.5 mm² rest level connection, interior Connection cross sections directly pluggable	IEC 60947-7-1 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) astic sleeve) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Connection in acc. with standard IEC 60947-7-1 Conductor cross-section rigid 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) Conductor cross-section flexible Conductor cross-section flexible [AWG] Conductor cross-section flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor swith the same cross section, flexible, with TWIN conductors with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² It level connection, interior Connection cross sections directly pluggable Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 10 mm² Conductor cross-section flexible (ferrule with plastic sleeve) 1 mm² 6 mm² Ilevel connection right Connection cross sections directly pluggable Conductor cross-section (ferrule with plastic sleeve) 1 mm² 6 mm² Ilevel connection right Connection cross sections directly pluggable	Connection method	Push-in connection
Conductor cross-section rigid Cross section AWG 26 12 0 Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Plexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² rest level connection, interior Connection cross sections directly pluggable	0.14 mm² 4 mm² 26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) astic sleeve) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Conductor cross-section rigid 0.14 mm² 4 mm² 26 12 (converted acc. to IEC) Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) Conductors with the same cross section, flexible, with TWIN Conductors with plastic sleeve Conductor cross-section rigid Conductor cross-section rigid [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section right Connection cross sections directly pluggable Conductor cross-section right Connection cross sections directly pluggable	Stripping length	8 mm 10 mm
Cross section AWG Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Plexible conductor cross-section (ferrule with plastic sleeve) Conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current Amaximum load current Amaximum load current Conductors section Conductors with the same cross section, flexible, with TWIN Conductors with the same cross section, flexible, with TWIN Conductor cross-section Conductor cross-section (ferrule without plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) Conductor cross-section (ferrule without plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) Conductor cross-section (ferrule without plastic sleeve) Conductor cross-section (ferrule without plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) Conductor cross-section (ferrule without plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) Conductor c	26 12 (converted acc. to IEC) 0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) astic sleeve) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ans directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Cross section AWG 26 12 (converted acc. to IEC) Conductor cross-section flexible Conductor cross-section, flexible [AWG] Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductors with the same cross section, flexible, with TWIN Conductors with plastic sleeve Conductor cross-section rigid Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section right Connection cross sections directly pluggable Conductor cross-section flexible (ferrule with plastic sleeve) Conduc	Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section flexible [AWG] 26 14 mm² Conductor cross-section, flexible [AWG] 26 14 mm² Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² irst level connection, interior Connection cross sections directly pluggable	0.14 mm² 2.5 mm² 26 14 (converted acc. to IEC) astic sleeve) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ans directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	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 Clexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2.5 mm² Clexible conductors with the same cross section, flexible, with TWIN Cerrule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² It level connection, interior Connection cross sections directly pluggable Conductor cross-section, rigid [AWG] 18 8 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² Elexible conductor cross-section right Connection cross sections directly pluggable Clevel connection right Connection cross sections directly pluggable	Conductor cross-section rigid	0.14 mm² 4 mm²
Conductor cross-section, flexible [AWG] 26 14 (Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 0.14 mm² 2 conductors with the same cross section, flexible, with TWIN 0.5 mm² ferrule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² rst level connection, interior Connection cross sections directly pluggable	26 14 (converted acc. to IEC) astic sleeve) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ans directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Conductor cross-section, flexible [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) Conductor cross-section flexible (ferrule with plastic sleeve) Conductor cross-section (ferrule with plastic sleeve) Conductors with the same cross section, flexible, with TWIN Conductors with the same cross section, flexible, with TWIN Conductors with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V 2.5 mm² It level connection, interior Connection cross sections directly pluggable Conductor cross-section, rigid [AWG] Conductor cross-section, rigid [AWG] Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² Elexible conductor cross-section (ferrule with plastic sleeve) 1 mm² 6 mm² Level connection right Connection cross sections directly pluggable	Cross section AWG	26 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) Plexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² rest level connection, interior Connection cross sections directly pluggable	astic sleeve) 0.14 mm² 2.5 mm² c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ans directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Conductor cross-section flexible (ferrule without plastic sleeve) Clexible conductor cross-section (ferrule with plastic sleeve) Conductors with the same cross section, flexible, with TWIN Conductors with the same cross section, flexible, with TWIN Conductors with the same cross section, flexible, with TWIN Conductor with plastic sleeve Nominal current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² It level connection, interior Connection cross sections directly pluggable Conductor cross-section rigid 1 mm² 10 mm² Conductor cross-section, rigid [AWG] 18 8 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² Elexible connection right Connection cross sections directly pluggable	Conductor cross-section flexible	0.14 mm² 2.5 mm²
Flexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² rest level connection, interior Connection cross sections directly pluggable	c sleeve) 0.14 mm² 2.5 mm² with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Flexible conductor cross-section (ferrule with plastic sleeve) 2 conductors with the same cross section, flexible, with TWIN 2 conductors with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² At level connection, interior 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 Relexible connection right Connection cross sections directly pluggable Level connection right Connection cross sections directly pluggable	Conductor cross-section, flexible [AWG]	26 14 (converted acc. to IEC)
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm²	with TWIN 0.5 mm² 1.5 mm² 24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	2 conductors with the same cross section, flexible, with TWIN errule with plastic sleeve Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V 2.5 mm² It level connection, interior Connection cross sections directly pluggable Conductor cross-section rigid 1 mm² 10 mm² Conductor cross-section, rigid [AWG] 18 8 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² Revel connection right Connection cross sections directly pluggable	Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² 2.5 mm²
Nominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² rst level connection, interior Connection cross sections directly pluggable	24 A 24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Prominal current 24 A Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² It level connection, interior Connection cross sections directly pluggable Conductor cross-section rigid 1 mm² 10 mm² Conductor cross-section, rigid [AWG] 18 8 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section right Connection cross sections directly pluggable	Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm² 2.5 mm²
Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² rst level connection, interior Connection cross sections directly pluggable	24 A 1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Maximum load current 24 A Nominal voltage 1000 V Nominal cross section 2.5 mm² It level connection, interior Connection cross sections directly pluggable Conductor cross-section rigid 1 mm² 10 mm² Conductor cross-section, rigid [AWG] 18 8 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 1 mm² 6 mm² Ilevel connection right Connection cross sections directly pluggable		0.5 mm² 1.5 mm²
Nominal voltage 1000 V Nominal cross section 2.5 mm² rst level connection, interior Connection cross sections directly pluggable	1000 V 2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Nominal voltage 2.5 mm² It level connection, interior Connection cross sections directly pluggable Conductor cross-section rigid 1 mm² 10 mm² Conductor cross-section, rigid [AWG] 18 8 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) Telexible conductor cross-section (ferrule with plastic sleeve) 1 mm² 6 mm² Ilevel connection right Connection cross sections directly pluggable	Nominal current	24 A
Nominal cross section 2.5 mm² rst level connection, interior Connection cross sections directly pluggable	2.5 mm² ons directly pluggable 1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Nominal cross section 2.5 mm² It level connection, interior Connection cross sections directly pluggable Conductor cross-section rigid 1 mm² 10 mm² Conductor cross-section, rigid [AWG] 18 8 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 1 mm² 6 mm²	Maximum load current	24 A
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	1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Conductor cross-section rigid 1 mm² 10 mm² 18 8 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 1 mm² 6 mm² I mm² 6 mm²	Nominal cross section	2.5 mm ²
	1 mm² 10 mm² 18 8 (converted acc. to IEC) astic sleeve) 1 mm² 6 mm²	Conductor cross-section rigid 1 mm² 10 mm² 18 8 (converted acc. to IEC) Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² Flexible conductor cross-section (ferrule with plastic sleeve) 1 mm² 6 mm² I mm² 6 mm²	rst level connection, interior Connection cross sections directly pluge	gable
Conductor cross section rigid	astic sleeve) 1 mm² 6 mm²	Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² 1 mm² 6 mm² 1 mm² 6 mm² 1 evel connection right Connection cross sections directly pluggable	Conductor cross-section rigid	
Conductor cross-section, rigid [AWG] 18 8 (c	astic sleeve) 1 mm² 6 mm²	Conductor cross-section flexible (ferrule without plastic sleeve) 1 mm² 6 mm² 1 mm² 6 mm² 1 mm² 6 mm² level connection right Connection cross sections directly pluggable	Conductor cross-section, rigid [AWG]	18 8 (converted acc. to IEC)
		Flexible conductor cross-section (ferrule with plastic sleeve) 1 mm² 6 mm² level connection right Connection cross sections directly pluggable		
	, · · · · · · · · · · · · · · · ·	level connection right Connection cross sections directly pluggable		1 mm² 6 mm²
Conductor cross-section rigid 0.34 mm ²	0.34 mm² 4 mm²			



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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

Dimensions

Width	16.3 mm
Height	110.4 mm
Depth on NS 35/7,5	48.8 mm
Depth on NS 35/15	56.3 mm

Material specifications

Color	gray (RAL 7042)
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))	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

Electrical tests

Surge voltage test

Test voltage setpoint	9.8 kV
Result	Test passed
Short-time withstand current 35 mm²	3 kA
Short-time withstand current 50 mm²	4.8 kA
Result	Test passed

Power-frequency withstand voltage

Torrer requests, manetains remage	oney maistaina voitage	
Test voltage setpoint	2.2 kV	
Result	Test passed	

Mechanical properties

Mechanical data			
Open side panel	No		

Mechanical tests



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Mechanical strength

ASD level

Result	Test passed
Attachment on the carrier	
DIN rail/fixing support	NS 35
Test force setpoint	10 N
Result	Test passed
Test for conductor damage and slackening	
Rotation speed	10 rpm
Revolutions	135
Conductor cross-section/weight	1.5 mm² / 0.4 kg
·	35 mm² / 6.8 kg
	50 mm² / 9.5 kg
Result	Test passed
Took for any division demonstrate and all all anima	
Test for conductor damage and slackening	40
Rotation speed	10 rpm
Revolutions	135
Conductor cross-section/weight	0.5 mm² / 0.3 kg
	6 mm² / 1.4 kg
Result	10 mm² / 2 kg Test passed
Result	rest passeu
Test for conductor damage and slackening	
Rotation speed	10 rpm
Revolutions	135
Conductor cross-section/weight	0.14 mm ² / 0.2 kg
	2.5 mm ² / 0.7 kg
	4 mm² / 0.9 kg
Result	Test passed
nvironmental and real-life conditions	
Temperature cycles	192
Result	Test passed
Needle-flame test	
Time of exposure	30 s
Result	Test passed
Oscillation/broadband noise	
Specification	DIN EN 50155 (VDE 0115-200):2008-03
Spectrum	Long life test category 2, bogie-mounted
Frequency	$f_1 = 5$ Hz to $f_2 = 250$ Hz
	11 0112 1012 200112

 $6.12 (m/s^2)^2/Hz$



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Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed
Shocks	
	DIN EN 50455 (//DE 0445 000) 0000 00
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
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
Ambient temperature (storage/transport)	for max. short-term operating temperature, see RTI Elec.) -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 %
andards and regulations	
Connection in acc. with standard	IEC 60947-7-1
	IEC 60947-7-1
	IEC 60947-7-1
unting	
Mounting type	NS 35/7,5
	NS 35/15

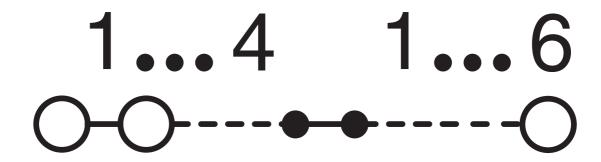


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Drawings

Circuit diagram





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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3214080



CSA

Approval ID: 13631



EAC

Approval ID: RU C-DE.BL08.B.00644



cULus Recognized

Approval ID: E60425



EAC

Approval ID: KZ7500651131219505



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Classifications

ECLASS

	ECLASS-13.0	27250119			
	ECLASS-15.0	27250119			
ETIM					
	ETIM 9.0	EC000897			
UNSPSC					
	UNSPSC 21.0	39121400			



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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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