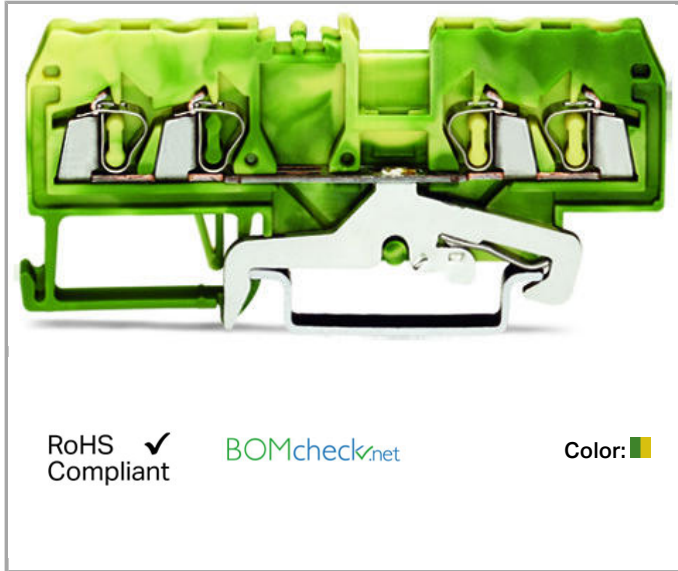


Data sheet | Item number: 280-837/999-950

4-conductor ground terminal block; 2.5 mm²; suitable for Ex e II applications;
center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®



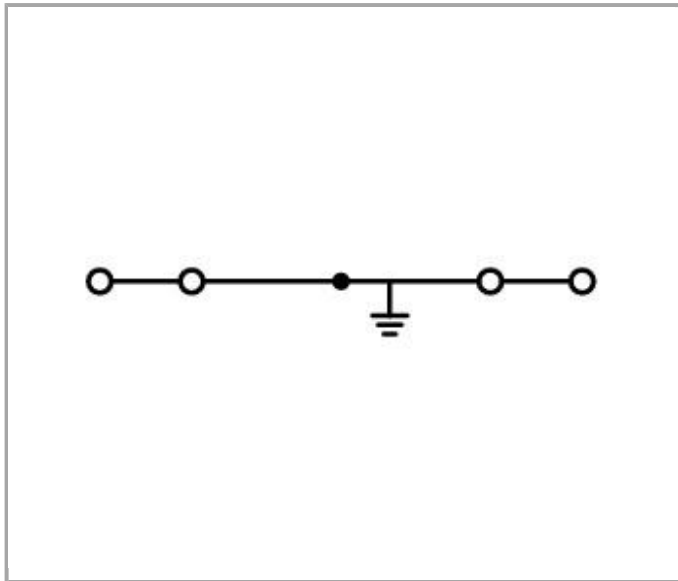
280-837/999-950



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



Item description

Note:

Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste is used for termination.

"Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.

—

- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

Using terminal blocks with CAGE CLAMP® Spring Pressure Connection Technology, **aluminum conductors must first be cleaned with a blade and then immediately be inserted into the clamping units filled with "Alu-Plus" Contact Paste.**

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors:

2.5 mm² (14 AWG) = 16 A

4 mm² (12 AWG) = 22 A

Data

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Total number of connection points	4
Total number of potentials	1
Number of levels	1
Type of wiring	Front-entry wiring

Geometrical Data

Width	5 mm / 0.197 inch
Height from upper-edge of DIN-35 rail	28 mm / 1.102 inch
Depth	75 mm / 2.953 inch

Mechanical data

Design	horizontal
Type of mounting	DIN-35 rail
Marking level	Center marking

Material Data

Color	green-yellow
Insulating material	Polyamide 66 (PA 66)

Fire load	0.132 MJ
Weight	13 g

Commercial data

Country of origin	DE
GTIN	4045454105907
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 99 ATEX 3109 U

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	1536071

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	BV Bureau Veritas S.A.	EN 60947	07436/E0 BV

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	E45172

Compatible products

Carrier rail

	Item no.: 210-112 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm	210-112
	Item no.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715	210-113
	Item no.: 210-114 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715	210-114
	Item no.: 210-115 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm	210-115
	Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	210-118
	Item no.: 210-196 Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715	210-196
	Item no.: 210-197 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715	210-197
	Item no.: 210-198 Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	210-198
	Item no.: 210-504 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	210-504
	Item no.: 210-505 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	210-505
	Item no.: 210-506 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715	210-506
	Item no.: 210-508 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715	210-508

tools

	Item no.: 210-657 Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short	210-657
	Item no.: 210-658 Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled	210-658
	Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	210-720

General accessories

	Item no.: 231-162/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 2-pole / 003-000	231-162
	Item no.: 231-163/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 3-pole / 003-000	231-163
	Item no.: 231-164/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 4-pole / 003-000	231-164
	Item no.: 231-165/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 5-pole / 003-000	231-165
	Item no.: 231-166/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 6-pole / 003-000	231-166
	Item no.: 231-167/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 7-pole / 003-000	231-167
	Item no.: 231-168/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 8-pole / 003-000	231-168
	Item no.: 231-169/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 9-pole / 003-000	231-169
	Item no.: 231-170/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 10-pole / 003-000	231-170
	Item no.: 231-171/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 11-pole / 003-000	231-171
	Item no.: 231-172/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 12-pole / 003-000	231-172
	Item no.: 231-176/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 16-pole / 003-000	231-176
	Item no.: 231-180/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; Pin spacing 5 mm; 20-pole / 003-000	231-180
	Item no.: 249-105 Group marker carrier	249-105
	Item no.: 280-404 Test plug adapter; 5 mm wide; for test plug 210-137 (2.3 mm Ø); suitable for 1.5 mm ² - 4 mm ² tbs	280-404
	Item no.: 280-418	

	Test plug module; modular; suitable for all WAGO 280 and 780 Series rail-mounted terminal blocks with jumper slots in the current bar		280-418
	Item no.: 280-419 Spacer module; modular; bridging commoned terminal blocks		280-419
	Item no.: 281-407 Test plug; 6 mm wide; Nominal current 24 A; for 0.08 mm ² - 2.5 mm ²		281-407
	Item no.: 721-162/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 2-pole	/UU3-UUU	721-162
	Item no.: 721-163/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 3-pole	/UU3-UUU	721-163
	Item no.: 721-164/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 4-pole	/UU3-UUU	721-164
	Item no.: 721-165/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 5-pole	/UU3-UUU	721-165
	Item no.: 721-166/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 6-pole	/UU3-UUU	721-166
	Item no.: 721-167/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 7-pole	/UU3-UUU	721-167
	Item no.: 721-168/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 8-pole	/UU3-UUU	721-168
	Item no.: 721-169/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 9-pole	/UU3-UUU	721-169
	Item no.: 721-170/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 10-pole	/UU3-UUU	721-170
	Item no.: 721-171/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 11-pole	/UU3-UUU	721-171
	Item no.: 721-172/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 12-pole	/UU3-UUU	721-172
	Item no.: 721-173/003-000 Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 13-pole	/UU3-UUU	721-173
	Item no.: 721-174/003-000		



Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 14-pole

/003-000

721-174

**Item no.: 721-175/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 15-pole

/003-000

721-175

**Item no.: 721-176/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole

/003-000

721-176

**Item no.: 721-180/003-000**

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight; 100% protected against mismatching; Pin spacing 5 mm; 20-pole

/003-000

721-180

Marking accessories

**Item no.: 2009-115**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

**Item no.: 2009-115/000-002**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

2009-115

**Item no.: 2009-115/000-006**

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

2009-115

**Item no.: 2009-115/000-007**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

2009-115

**Item no.: 2009-115/000-012**

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

2009-115

**Item no.: 2009-115/000-017**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017

2009-115

**Item no.: 2009-115/000-023**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

2009-115

**Item no.: 2009-115/000-024**

WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

2009-115

**Item no.: 209-128**

Adaptor

209-128

**Item no.: 209-140**

Group marker carrier

209-140

**Item no.: 209-141**

Group marker carrier

209-141

Item no.: 209-142



Group marker carrier

209-142



Item no.: 209-185
Adaptor

209-185



Item no.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type

793-501



Item no.: 793-501/000-002
WMB marking card; as card; not stretchable; plain; snap-on type

/000-002

793-501



Item no.: 793-501/000-005
WMB marking card; as card; not stretchable; plain; snap-on type

/000-005

793-501



Item no.: 793-501/000-006
WMB marking card; as card; not stretchable; plain; snap-on type

/000-006

793-501



Item no.: 793-501/000-007
WMB marking card; as card; not stretchable; plain; snap-on type

/000-007

793-501



Item no.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type

/000-012

793-501



Item no.: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type

/000-017

793-501



Item no.: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type

/000-023

793-501



Item no.: 793-501/000-024
WMB marking card; as card; not stretchable; plain; snap-on type

/000-024

793-501



Item no.: 793-5501
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501



Item no.: 793-5501/000-002
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

793-5501



Item no.: 793-5501/000-005
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-005

793-5501



Item no.: 793-5501/000-006
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

793-5501

Item no.: 793-5501/000-007
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

793-5501



	Item no.: 793-5501/000-012 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	793-5501
	Item no.: 793-5501/000-017 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-017	793-5501
	Item no.: 793-5501/000-023 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	793-5501
	Item no.: 793-5501/000-024 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	793-5501

ferrule

	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated	216-101
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated	216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	216-104
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated	216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated	216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated	216-203
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	216-204
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated	216-302

Female plug

	Item no.: 232-132/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 2-pole	/005-000	232-132
	Item no.: 232-132/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 3-pole	/005-000/039-000	232-132

	Item no.: 232-133/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 3-pole	232-133 /005-000
	Item no.: 232-133/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 3-pole	232-133 /005-000/039-000
	Item no.: 232-134/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 4-pole	232-134 /005-000
	Item no.: 232-134/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 4-pole	232-134 /005-000/039-000
	Item no.: 232-135/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 5-pole	232-135 /005-000
	Item no.: 232-135/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 5-pole	232-135 /005-000/039-000
	Item no.: 232-136/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 6-pole	232-136 /005-000
	Item no.: 232-136/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 6-pole	232-136 /005-000/039-000
	Item no.: 232-137/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 7-pole	232-137 /005-000
	Item no.: 232-137/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 7-pole	232-137 /005-000/039-000
	Item no.: 232-138/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 8-pole	232-138 /005-000
	Item no.: 232-138/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 8-pole	232-138 /005-000/039-000
	Item no.: 232-139/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 9-pole	232-139 /005-000
	Item no.: 232-139/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 9-pole	232-139 /005-000/039-000
	Item no.: 232-140/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 10-pole	232-140 /005-000

	Item no.: 232-140/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 10-pole	232-140 /005-000/039-000
	Item no.: 232-142/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 12-pole	232-142 /005-000
	Item no.: 232-142/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 12-pole	232-142 /005-000/039-000
	Item no.: 232-146/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 16-pole	232-146 /005-000
	Item no.: 232-146/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 16-pole	232-146 /005-000/039-000
	Item no.: 232-147/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 17-pole	232-147 /005-000/039-000
	Item no.: 232-150/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 20-pole	232-150 /005-000
	Item no.: 232-150/005-000/039-000 Female connector for rail-mount terminal blocks; straight; Locking lever; Pin spacing 5 mm; 20-pole	232-150 /005-000/039-000
	Item no.: 232-232/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 2-pole	232-232 /005-000
	Item no.: 232-232/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 2-pole	232-232 /005-000/039-000
	Item no.: 232-233/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 3-pole	232-233 /005-000
	Item no.: 232-233/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 3-pole	232-233 /005-000/039-000
	Item no.: 232-234/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 4-pole	232-234 /005-000
	Item no.: 232-234/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 4-pole	232-234 /005-000/039-000

	Item no.: 232-235/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 5-pole	232-235 /005-000
	Item no.: 232-235/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 5-pole	232-235 /005-000/039-000
	Item no.: 232-236/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 6-pole	232-236 /005-000
	Item no.: 232-236/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 6-pole	232-236 /005-000/039-000
	Item no.: 232-237/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 5 mm; 7-pole	232-237 /005-000
	Item no.: 232-238/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 8-pole	232-238 /005-000
	Item no.: 232-239/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 9-pole	232-239 /005-000
	Item no.: 232-240/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 10-pole	232-240 /005-000
	Item no.: 232-240/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 10-pole	232-240 /005-000/039-000
	Item no.: 232-242/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 12-pole	232-242 /005-000
	Item no.: 232-242/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 12-pole	232-242 /005-000/039-000
	Item no.: 232-246/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 16-pole	232-246 /005-000
	Item no.: 232-246/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 16-pole	232-246 /005-000/039-000
	Item no.: 232-250/005-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 5 mm; 20-pole	232-250 /005-000
	Item no.: 232-250/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Locking lever; Pin spacing 5 mm; 20-pole	232-250 /005-000/039-000



Item no.: 232-732/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 2-pole

/005-000

232-732

Item no.: 232-733/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 3-pole

/005-000

232-733

Item no.: 232-734/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 4-pole

/005-000

232-734

Item no.: 232-734/005-000/039-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 4-pole

/005-000/039-000

232-734

Item no.: 232-735/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 5-pole

/005-000

232-735

Item no.: 232-735/005-000/039-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 5-pole

/005-000/039-000

232-735

Item no.: 232-736/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 6-pole

/005-000

232-736

Item no.: 232-736/005-000/039-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 6-pole

/005-000/039-000

232-736

Item no.: 232-738/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 8-pole

/005-000

232-738

Item no.: 232-740/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 10-pole

/005-000

232-740

Item no.: 232-742/005-000

Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 12-pole

/005-000

232-742

Item no.: 232-832/005-000

Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 2-pole

/005-000

232-832

Item no.: 232-833/005-000

Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 3-pole

/005-000

232-833

Item no.: 232-834/005-000

Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 4-pole

/005-000

232-834

	Item no.: 232-836/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 6-pole	232-836 /005-000
	Item no.: 232-836/005-000/039-000 Female connector for rail-mount terminal blocks; angled; Pin spacing 7.5 mm; 6-pole	232-836 /005-000/039-000
	Item no.: 232-840/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 10-pole	232-840 /005-000
	Item no.: 232-842/005-000 Female connector for rail-mount terminal blocks; straight; Pin spacing 7.5 mm; 12-pole	232-842 /005-000
	Item no.: 722-132/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 2-pole	722-132 /005-000
	Item no.: 722-132/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 3-pole	722-132 /005-000/039-000
	Item no.: 722-133/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 3-pole	722-133 /005-000
	Item no.: 722-133/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 3-pole	722-133 /005-000/039-000
	Item no.: 722-134/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 4-pole	722-134 /005-000
	Item no.: 722-134/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 4-pole	722-134 /005-000/039-000
	Item no.: 722-135/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 5-pole	722-135 /005-000
	Item no.: 722-135/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 5-pole	722-135 /005-000/039-000
	Item no.: 722-136/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 6-pole	722-136 /005-000
	Item no.: 722-136/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 6-pole	722-136 /005-000/039-000
	Item no.: 722-137/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 6-pole	722-137 /005-000

spacing 5 mm; 7-pole

	Item no.: 722-137/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 7-pole	722-137 /005-000/039-000
	Item no.: 722-138/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 8-pole	722-138 /005-000
	Item no.: 722-138/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 8-pole	722-138 /005-000/039-000
	Item no.: 722-139/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 9-pole	722-139 /005-000
	Item no.: 722-139/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 9-pole	722-139 /005-000/039-000
	Item no.: 722-140/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 10-pole	722-140 /005-000
	Item no.: 722-140/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 10-pole	722-140 /005-000/039-000
	Item no.: 722-141/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 11-pole	722-141 /005-000
	Item no.: 722-142/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 12-pole	722-142 /005-000
	Item no.: 722-142/005-007/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 12-pole	722-142 /005-00 /039-000
	Item no.: 722-143/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismating; Pin spacing 5 mm; 13-pole	722-143 /005-000
	Item no.: 722-144/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 14-pole	722-144 /005-000
	Item no.: 722-144/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Locking lever; Pin spacing 5 mm; 14-pole	722-144 /005-000/039-000
	Item no.: 722-145/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismating; Pin spacing 5 mm; 15-pole	722-145 /005-000
	Item no.: 722-146/005-000	

	Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 16-pole	722-146 /005-000
	Item no.: 722-146/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 16-pole	722-146 /005-000/039-000
	Item no.: 722-150/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 20-pole	722-150 /005-000
	Item no.: 722-150/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 20-pole	722-150 /005-000/039-000
	Item no.: 722-232/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 3-pole	722-232 /005-000
	Item no.: 722-232/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 3-pole	722-232 /005-000/039-000
	Item no.: 722-233/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 3-pole	722-233 /005-000
	Item no.: 722-233/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 3-pole	722-233 /005-000/039-000
	Item no.: 722-234/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 4-pole	722-234 /005-000
	Item no.: 722-234/005-000/039-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 4-pole	722-234 /005-000/039-000
	Item no.: 722-235/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 5-pole	722-235 /005-000
	Item no.: 722-235/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 5-pole	722-235 /005-000/039-000
	Item no.: 722-236/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 6-pole	722-236 /005-000
	Item no.: 722-236/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 6-pole	722-236 /005-000/039-000
	Item no.: 722-237/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 7-pole	722-237 /005-000

	Item no.: 722-237/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 7-pole	722-237 /005-000/039-000
	Item no.: 722-238/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 8-pole	722-238 /005-000
	Item no.: 722-239/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 9-pole	722-239 /005-000
	Item no.: 722-239/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 9-pole	722-239 /005-000/039-000
	Item no.: 722-240/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 10-pole	722-240 /005-000
	Item no.: 722-240/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 10-pole	722-240 /005-000/039-000
	Item no.: 722-241/005-000 Female connector for rail-mount terminal blocks; straight; 100% protected against mismatching; Pin spacing 5 mm; 11-pole	722-241 /005-000
	Item no.: 722-242/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 12-pole	722-242 /005-000
	Item no.: 722-242/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 12-pole	722-242 /005-000/039-000
	Item no.: 722-243/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 13-pole	722-243 /005-000
	Item no.: 722-244/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 14-pole	722-244 /005-000
	Item no.: 722-244/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 14-pole	722-244 /005-000/039-000
	Item no.: 722-246/005-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 16-pole	722-246 /005-000
	Item no.: 722-246/005-000/039-000 Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Locking lever; Pin spacing 5 mm; 16-pole	722-246 /005-000/039-000

Item no.: 722-250/005-000



Female connector for rail-mount terminal blocks; angled; 100% protected against mismatching; Pin spacing 5 mm; 20-pole

722-250

/005-000

Jumper



Item no.: 210-123

Wire commoning chain; insulated; 50 connections

210-123



Item no.: 249-123

Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm²

249-123



Item no.: 249-125

Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm²

249-125



Item no.: 249-126

Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm²

249-126



Item no.: 249-127

Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm²

249-127



Item no.: 280-402

Adjacent jumper; insulated; IN = IN terminal block

280-402



Item no.: 280-409

Alternate jumper; insulated; IN = IN terminal block

280-409



Item no.: 280-422

Adjacent jumper; insulated; IN = IN terminal block

280-422



Item no.: 280-482

Comb-style jumper bar; insulated; 2-way; IN = IN terminal block

280-482



Item no.: 280-483

Comb-style jumper bar; insulated; 3-way; IN = IN terminal block

280-483



Item no.: 280-484

Comb-style jumper bar; insulated; 4-way; IN = IN terminal block

280-484



Item no.: 280-485

Comb-style jumper bar; insulated; 5-way; IN = IN terminal block

280-485



Item no.: 280-490

Comb-style jumper bar; insulated; 10-way; IN = IN terminal block

280-490



Item no.: 280-492

Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block

280-492



Item no.: 780-452

Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs

780-452



Item no.: 780-453

Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs

780-453



Item no.: 780-454

Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs

780-454



Item no.: 780-455

Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs

780-455

	Item no.: 780-456 Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs	780-456
	Item no.: 780-457 Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs	780-457
	Item no.: 780-458 Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs	780-458
Protective Warning Marker		
	Item no.: 280-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-415
End plate		
	Item no.: 209-191 Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide	209-191
	Item no.: 209-192 Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide	209-192
	Item no.: 280-314 End and intermediate plate; 2.5 mm thick	280-314
	Item no.: 280-315 End and intermediate plate; 2.5 mm thick	280-315
	Item no.: 280-334 Separator plate; 2 mm thick; oversized	280-334
	Item no.: 280-335 Separator plate; 2 mm thick; oversized	280-335
	Item no.: 280-352 End and intermediate plate; 2.5 mm thick	280-352
	Item no.: 280-353 Separator plate; 2 mm thick; oversized	280-353
assembling		
	Item no.: 209-106 Mounting carrier; for isolated mounting on DIN 35 rails	209-106
	Item no.: 709-153 Cover; Type 1; suitable for cover carrier, type 1; 1 m long	709-153
check		
	Item no.: 249-141 L-type test plug module; modular; with spring-loaded contact pin; Center module	249-141
Insulation stop		
	Item no.: 280-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip	280-470
	Item no.: 280-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip	280-471
	Item no.: 280-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip	280-472



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Subject to changes.