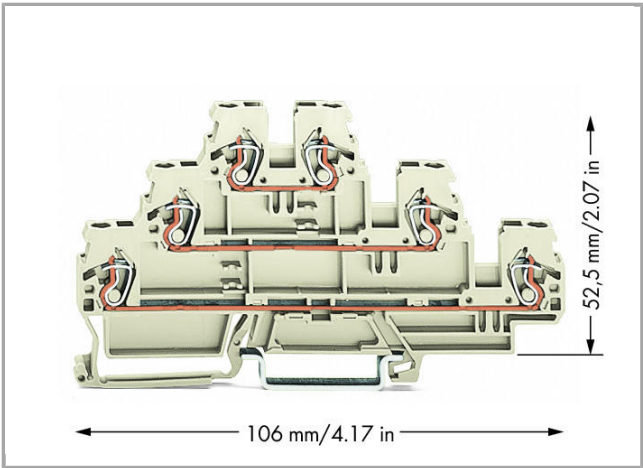
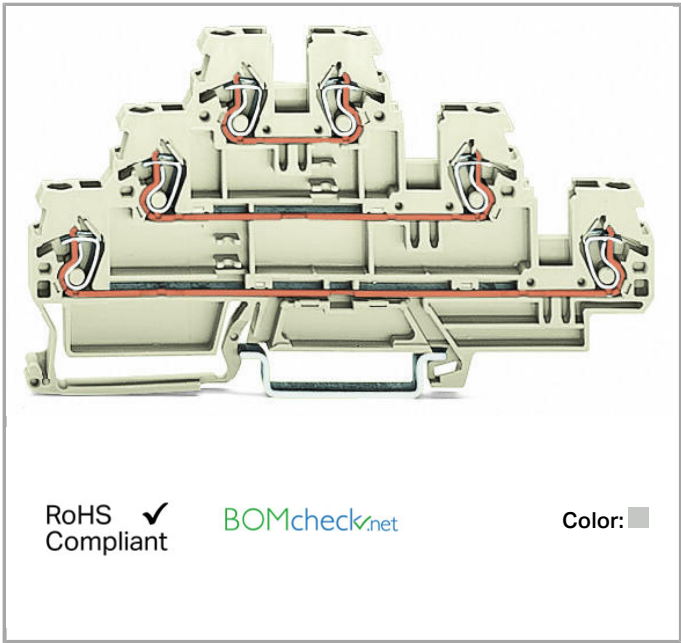


Data sheet | Item number: 870-951



Triple-deck terminal block; Through/through/through terminal block; L/L/L;
suitable for Ex e II applications; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²;
CAGE CLAMP®

870-951



Item description

Safety information 1:
Max. insulation diameter: 4.4mm

Data
Electrical data

Rated voltage EN (Ex e II)	420 V
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Ratings per IEC/EN 60664-1

Rated current	24 A
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Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Strip length	6 ... 7 mm / 0.24 ... 0.28 inch
Total number of connection points	6

Total number of potentials	3
Number of levels	3
Type of wiring	Front-entry wiring

Geometrical Data

Width	5 mm / 0.197 inch
Height from upper-edge of DIN-35 rail	52.5 mm / 2.067 inch
Depth	106 mm / 4.173 inch

Mechanical data

Design	horizontal
Type of mounting	DIN-35 rail
Potential marking	L/L/L
Marking level	Side marking

Material Data

Color	light gray
Fire load	0.278 MJ
Weight	17.472 g

Commercial data

Country of origin	DE
GTIN	4045454129729
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	AEx UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt	UL 60079	20190320- E185892
	ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 03 ATEX 1188 U (II 2 G/D EEx e II)
	IECEx Physikalisch Technische Bundesanstalt	IEC 60079	IECEx PTB 04.0018 U

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus UL International Germany GmbH	UL 1059	20160928-E45172

Compatible products

Jumper

	Item no.: 709-110 Wire commoning chain; insulated; 4 connections; 3 x 110 mm	709-110
	Item no.: 709-111 Wire commoning chain; insulated; 3 connections; 2 x 120 mm	709-111
	Item no.: 709-112 Wire commoning chain; insulated; 3 connections; 2 x 170 mm	709-112
	Item no.: 870-402 Push-in type jumper bar; insulated; 2-way; Nominal current 18 A	870-402
	Item no.: 870-403 Push-in type jumper bar; insulated; 3-way; Nominal current 18 A	870-403
	Item no.: 870-404 Push-in type jumper bar; insulated; 4-way; Nominal current 18 A	870-404
	Item no.: 870-405 Push-in type jumper bar; insulated; 5-way; Nominal current 18 A	870-405
	Item no.: 870-405/011-000 Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A	870-405
	Item no.: 870-406 Push-in type jumper bar; insulated; 6-way; Nominal current 18 A	870-406

**Item no.: 870-407**

870-407

Push-in type jumper bar; insulated; 7-way; Nominal current 18 A

Item no.: 870-407/011-000

870-407

Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A

/011-000

**Item no.: 870-408**

870-408

Push-in type jumper bar; insulated; 8-way; Nominal current 18 A

**Item no.: 870-409**

870-409

Push-in type jumper bar; insulated; 9-way; Nominal current 18 A

Item no.: 870-409/011-000

870-409

Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A

/011-000

Item no.: 870-410

870-410

Push-in type jumper bar; insulated; 10-way; Nominal current 18 A

**Item no.: 870-433**

870-433

Push-in type jumper bar; insulated; from 1 to 3; Nominal current 18 A

**Item no.: 870-434**

870-434

Push-in type jumper bar; insulated; from 1 to 4; Nominal current 18 A

**Item no.: 870-435**

870-435

Push-in type jumper bar; insulated; from 1 to 5; Nominal current 18 A

**Item no.: 870-436**

870-436

Push-in type jumper bar; insulated; from 1 to 6; Nominal current 18 A

**Item no.: 870-437**

870-437

Push-in type jumper bar; insulated; from 1 to 7; Nominal current 18 A

**Item no.: 870-438**

870-438

Push-in type jumper bar; insulated; from 1 to 8; Nominal current 18 A

**Item no.: 870-439**

870-439

Push-in type jumper bar; insulated; from 1 to 9; Nominal current 18 A

Item no.: 870-440

870-440

Push-in type jumper bar; insulated; from 1 to 10; Nominal current 18 A

ferrule**Item no.: 216-121**

216-121

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

**Item no.: 216-122**

216-122

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

**Item no.: 216-123**

216-123

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

**Item no.: 216-124**

216-124

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

**Item no.: 216-131**

216-131

Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated

	Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated	216-132
	Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated	216-221
	Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated	216-222
	Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated	216-223
	Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	216-224
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	216-321
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated	216-322
Protective Warning Marker		
	Item no.: 280-405 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-405
assembling		
	Item no.: 209-106 Mounting carrier; for isolated mounting on DIN 35 rails	209-106
	Item no.: 249-116 Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5	249-116
	Item no.: 249-117 Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5	249-117
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.: 870-182 Adaptor	870-182
	Item no.: 870-183 Adaptor	870-183
	Item no.: 870-184 Adaptor	870-184
	Item no.: 870-425 Tap-off module; with anti-rotation protection; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar	870-425

**Item no.: 870-426**

870-426

Tap-off module; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar

**Item no.: 870-427**

870-427

Spacer module; modular; bridging commoned terminal blocks

Insulation stop**Item no.: 280-470**

280-470

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip**Item no.: 280-471**

280-471

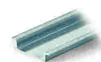
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip**Item no.: 280-472**

280-472

Insulation stop; 0.75 - 1 mm²; 5 pieces/strip**Carrier rail****Item no.: 210-112**

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

**Item no.: 210-113**

210-113

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715

**Item no.: 210-114**

210-114

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

**Item no.: 210-115**

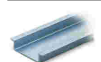
210-115

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

**Item no.: 210-118**

210-118

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

**Item no.: 210-196**

210-196

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715

**Item no.: 210-197**

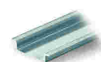
210-197

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715

**Item no.: 210-504**

210-504

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715

**Item no.: 210-505**

210-505

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715

**Item no.: 210-506**

210-506

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715

**Item no.: 210-508**

210-508

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715

Marking accessories**Item no.: 2009-115**

2009-115

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

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

2009-115

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

/000-002

	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.: 2009-145 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type		2009-145
	Item no.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-002	2009-145
	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-005	2009-145
	Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-006	2009-145
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-007	2009-145
	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	2009-145
	Item no.: 2009-145/000-023 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	2009-145
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	2009-145
	Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card		248-501

**Item no.: 248-501/000-002**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-002

248-501

**Item no.: 248-501/000-005**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-005

248-501

**Item no.: 248-501/000-006**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-006

248-501

**Item no.: 248-501/000-007**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-007

248-501

**Item no.: 248-501/000-012**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-012

248-501

**Item no.: 248-501/000-017**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-017

248-501

**Item no.: 248-501/000-023**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-023

248-501

**Item no.: 248-501/000-024**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-024

248-501

**Item no.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type

709-177

**Item no.: 709-178**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type

709-178

**Item no.: 709-196**

Marking strips; for laser printer

709-196

**Item no.: 709-198**

Marking strips

709-198

**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

End plate**Item no.: 870-568**

End and intermediate plate; 2 mm thick

870-568



	Item no.: 870-569 End and intermediate plate; 2 mm thick	870-569
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Downloads

Documentation

Bid Text

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Additional Information	pdf 2.1 MB	Download
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CAD/CAE - Smart Data

CAD data

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Subject to changes.