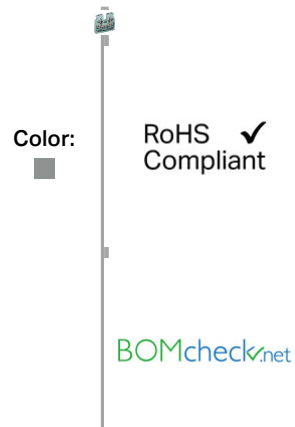


## Data sheet | Item number: 869-321

2-conductor terminal block; without push-buttons; without snap-in mounting foot; 2.5 mm<sup>2</sup>; CAGE CLAMP®



869-321



### Item description

#### Safety information 1:

Max. insulation diameter: 4.4mm

### Data

#### Electrical data

#### Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	24 A

#### Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	6 ... 7 mm / 0.24 ... 0.28 inch
Total number of connection points	2
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 the surface	27.6 mm / 1.087 inch
Depth	33.4 mm / 1.315 inch

## Mechanical data

Design	horizontal
Mounting type	Mounting flange
Marking level	Side marking

## Material Data

Color	gray
Fire load	0.072 MJ
Weight	4.038 g

## Commercial data


Country of origin	DE
GTIN	4044918478229
Customs Tariff No.	85369010000

## Approvals / Certificates

### Country specific Approvals


Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2143311.02
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 6827/A1

### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14- HG1293677- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2




## UL-Approvals






Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	Sec. 34














## Compatible products
















## Protective Warning Marker

















	<b>Item no.: 280-405</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	280-405
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## Jumper


	<b>Item no.: 870-402</b> Push-in type jumper bar; insulated; 2-way; Nominal current 18 A	870-402
	<b>Item no.: 870-403</b> Push-in type jumper bar; insulated; 3-way; Nominal current 18 A	870-403
	<b>Item no.: 870-404</b> Push-in type jumper bar; insulated; 4-way; Nominal current 18 A	870-404
	<b>Item no.: 870-405</b> Push-in type jumper bar; insulated; 5-way; Nominal current 18 A	870-405
	<b>Item no.: 870-405/011-000</b> Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A	870-405 011-000
	<b>Item no.: 870-406</b> Push-in type jumper bar; insulated; 6-way; Nominal current 18 A	870-406
	<b>Item no.: 870-407</b> Push-in type jumper bar; insulated; 7-way; Nominal current 18 A	870-407
	<b>Item no.: 870-407/011-000</b> Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A	870-407 011-000


	<b>Item no.: 870-408</b> Push-in type jumper bar; insulated; 8-way; Nominal current 18 A	870-408
	<b>Item no.: 870-409</b> Push-in type jumper bar; insulated; 9-way; Nominal current 18 A	870-409
	<b>Item no.: 870-409/011-000</b> Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A	870-409 /011-000
	<b>Item no.: 870-410</b> Push-in type jumper bar; insulated; 10-way; Nominal current 18 A	870-410
	<b>Item no.: 870-433</b> Push-in type jumper bar; insulated; from 1 to 3; Nominal current 18 A	870-433
	<b>Item no.: 870-434</b> Push-in type jumper bar; insulated; from 1 to 4; Nominal current 18 A	870-434
	<b>Item no.: 870-435</b> Push-in type jumper bar; insulated; from 1 to 5; Nominal current 18 A	870-435
	<b>Item no.: 870-440</b> Push-in type jumper bar; insulated; from 1 to 10; Nominal current 18 A	870-440
<b>Marking accessories</b>		
	<b>Item no.: 2009-115</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115
	<b>Item no.: 2009-115/000-002</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-002
	<b>Item no.: 2009-115/000-006</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-006
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-007
	<b>Item no.: 2009-115/000-012</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-012
	<b>Item no.: 2009-115/000-017</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-017
	<b>Item no.: 2009-115/000-023</b> WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-023
	<b>Item no.: 2009-115/000-024</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-024


	<b>Item no.: 2009-145</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type		2009-145
	<b>Item no.: 2009-145/000-002</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-002	2009-145
	<b>Item no.: 2009-145/000-005</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-005	2009-145
	<b>Item no.: 2009-145/000-006</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-006	2009-145
	<b>Item no.: 2009-145/000-007</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-007	2009-145
	<b>Item no.: 2009-145/000-012</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	2009-145
	<b>Item no.: 2009-145/000-023</b> Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	2009-145
	<b>Item no.: 2009-145/000-024</b> Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	2009-145
	<b>Item no.: 248-501</b> Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card		248-501
	<b>Item no.: 248-501/000-002</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-002	248-501
	<b>Item no.: 248-501/000-005</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-005	248-501
	<b>Item no.: 248-501/000-006</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-006	248-501
	<b>Item no.: 248-501/000-007</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-007	248-501
	<b>Item no.: 248-501/000-012</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-012	248-501
	<b>Item no.: 248-501/000-017</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	/000-017	248-501


	<b>Item no.: 248-501/000-023</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-023
	<b>Item no.: 248-501/000-024</b> Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-024
	<b>Item no.: 709-177</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type	709-177
	<b>Item no.: 709-178</b> Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type	709-178
	<b>Item no.: 709-196</b> Marking strips; for laser printer	709-196
	<b>Item no.: 709-198</b> Marking strips	709-198
	<b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type	793-501
	<b>Item no.: 793-501/000-002</b> WMB marking card; as card; not stretchable; plain; snap-on type	793-501 /000-002
	<b>Item no.: 793-501/000-005</b> WMB marking card; as card; not stretchable; plain; snap-on type	793-501 /000-005
	<b>Item no.: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type	793-501 /000-006
	<b>Item no.: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type	793-501 /000-007
	<b>Item no.: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type	793-501 /000-012
	<b>Item no.: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type	793-501 /000-017
	<b>Item no.: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type	793-501 /000-023
	<b>Item no.: 793-501/000-024</b> WMB marking card; as card; not stretchable; plain; snap-on type	793-501 /000-024
	<b>Item no.: 793-5501</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501
	<b>Item no.: 793-5501/000-002</b>	


	WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-002
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	<b>Item no.: 793-5501/000-005</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-005
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	<b>Item no.: 793-5501/000-006</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-006
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	<b>Item no.: 793-5501/000-007</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-007
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	<b>Item no.: 793-5501/000-012</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-012
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	<b>Item no.: 793-5501/000-017</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-017
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	<b>Item no.: 793-5501/000-023</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-023
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	<b>Item no.: 793-5501/000-024</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-024
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## tools

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

	<b>Item no.: 870-182</b> Adaptor	870-182
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	<b>Item no.: 870-183</b> Adaptor	870-183
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	<b>Item no.: 870-184</b> Adaptor	870-184
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## ferrule

	<b>Item no.: 216-121</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	216-121
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	<b>Item no.: 216-122</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	216-122
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	<b>Item no.: 216-123</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	216-123
	<b>Item no.: 216-124</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	216-124
	<b>Item no.: 216-131</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated	216-131
	<b>Item no.: 216-132</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated	216-132
	<b>Item no.: 216-221</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated	216-221
	<b>Item no.: 216-222</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated	216-222
	<b>Item no.: 216-223</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated	216-223
	<b>Item no.: 216-224</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated	216-224
	<b>Item no.: 216-321</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	216-321
	<b>Item no.: 216-322</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated	216-322
<b>End plate</b>		
	<b>Item no.: 869-375</b> End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick	869-375
	<b>Item no.: 869-377</b> End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick	869-377
	<b>Item no.: 869-378</b> End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick	869-378
	<b>Item no.: 869-379</b> End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick	869-379
	<b>Item no.: 869-385</b> End plate; with fixing flange M3; 2.5 mm thick	869-385
	<b>Item no.: 869-387</b> End plate; with fixing flange M3; 2.5 mm thick	869-387
	<b>Item no.: 869-388</b> End plate; with fixing flange M3; 2.5 mm thick	869-388
	<b>Item no.: 869-389</b> End plate; with fixing flange M3; 2.5 mm thick	869-389
	<b>Item no.: 869-395</b> End plate; with fixing flange M4; 2.5 mm thick	869-395

	<b>Item no.: 869-397</b> End plate; with fixing flange M4; 2.5 mm thick	869-397
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	<b>Item no.: 869-398</b> End plate; with fixing flange M4; 2.5 mm thick	869-398
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	<b>Item no.: 869-399</b> End plate; with fixing flange M4; 2.5 mm thick	869-399
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**Insulation stop**

	<b>Item no.: 280-470</b> Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip	280-470
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	<b>Item no.: 280-471</b> Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip	280-471
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	<b>Item no.: 280-472</b> Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip	280-472
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**check**

	<b>Item no.: 210-136</b> Test plug; 2 mm Ø; with 500 mm cable	210-136
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	<b>Item no.: 210-137</b> Test plug; 2.3 mm Ø; with 500 mm cable	210-137
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**CAD/CAE - Smart Data**

**CAD data**

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Subject to changes.