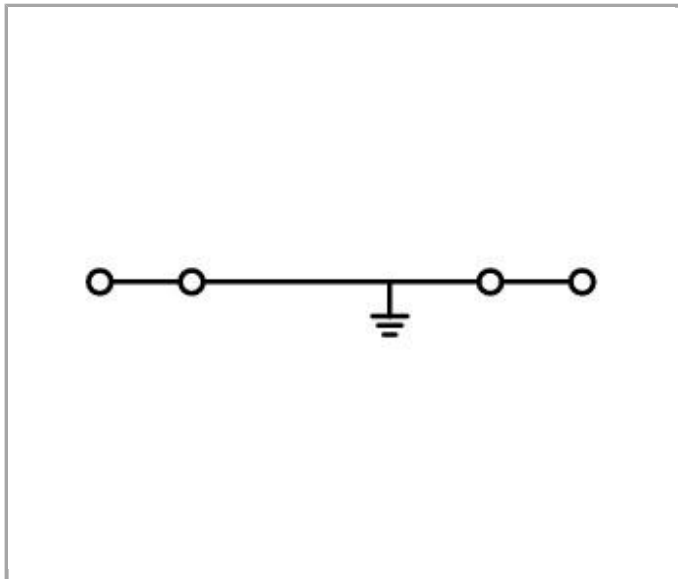
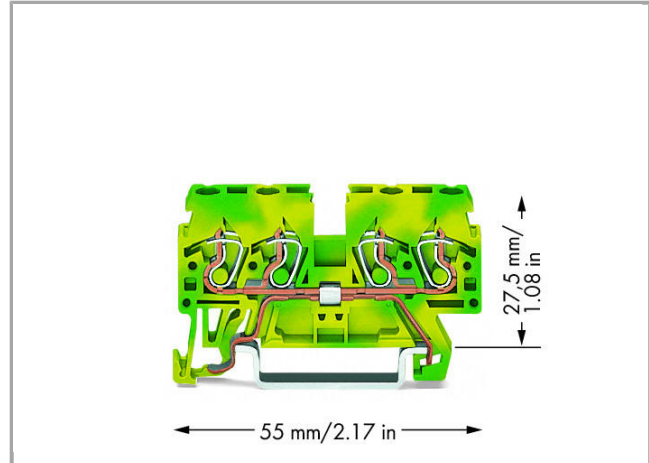
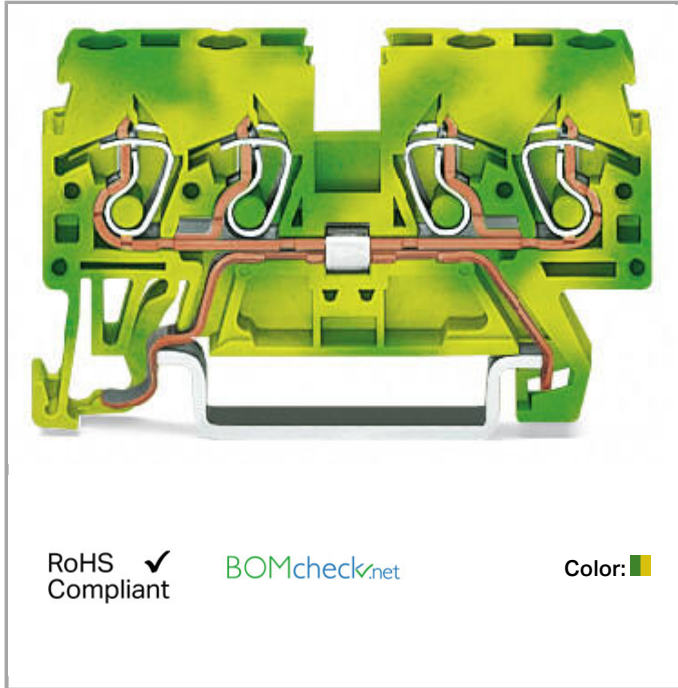


## Data sheet | Item number: 870-837

4-conductor ground terminal block; 2.5 mm<sup>2</sup>; lateral marker slots; for DIN-rail  
35 x 15 and 35 x 7.5; CAGE CLAMP®



870-837



### Item description

#### Safety information 1:

Notice: This ground conductor terminal block cannot be commoned with push-in type jumper bars!

#### Safety information 2:

Max. insulation diameter: 4.4mm

**Data****Connection data**

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Connection technology             | CAGE CLAMP®                      |
| Actuation type                    | Operating tool                   |
| Connectable conductor materials   | Copper                           |
| Solid conductor                   | 0.08 ... 2.5 mm² / 28 ... 12 AWG |
| Fine-stranded conductor           | 0.08 ... 4 mm² / 28 ... 12 AWG   |
| Strip length                      | 6 ... 7 mm / 0.24 ... 0.28 inch  |
| 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 | 27.5 mm / 1.083 inch |
| Depth                                 | 55 mm / 2.165 inch   |

**Mechanical data**

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

**Material Data**

|                     |                      |
|---------------------|----------------------|
| Color               | green-yellow         |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.11 MJ              |
| Weight              | 8.667 g              |

**Commercial data**

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4045454094676 |
| Customs Tariff No. | 85369010000   |

**Approvals / Certificates****Country specific Approvals**

| Logo | Approval | Additional Approval Text | Certificate name |
|------|----------|--------------------------|------------------|
|      | CCA      | EN 60947                 | NTR NL           |



DEKRA Certification B.V.

7468



**CCA**  
DEKRA Certification B.V.

EN 60947

2189801.01

#### Ship Approvals

| Logo                                                                              | Approval                                  | Additional Approval Text | Certificate name         |
|-----------------------------------------------------------------------------------|-------------------------------------------|--------------------------|--------------------------|
|   | <b>ABS</b><br>American Bureau of Shipping | -                        | 14-<br>HG1293677-<br>PDA |
|  | <b>LR</b><br>Lloyds Register              | EN 60947                 | 91/20112<br>(E9)         |

#### UL-Approvals

| Logo                                                                               | Approval                                      | Additional Approval Text | Certificate name    |
|------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------|---------------------|
|  | <b>cURus</b><br>UL International Germany GmbH | UL 1059                  | 20160928-<br>E45172 |

#### Compatible products

#### Marking accessories

|                                                                                    |                                                                                                                          |                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------|
|  | <b>Item no.: 2009-115</b><br>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><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115<br>/000-002 |
|  | <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type  | 2009-115<br>/000-006 |

|                                                                                    |                                                                                                                               |          |          |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------|----------|
|   | <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type      | /000-007 | 2009-115 |
|   | <b>Item no.: 2009-115/000-012</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type       | /000-012 | 2009-115 |
|   | <b>Item no.: 2009-115/000-017</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type      | /000-017 | 2009-115 |
|   | <b>Item no.: 2009-115/000-023</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type      | /000-023 | 2009-115 |
|   | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type       | /000-024 | 2009-115 |
|    | <b>Item no.: 2009-145</b><br>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><br>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><br>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><br>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><br>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><br>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><br>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><br>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><br>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><br>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.: 870-943**  
End and intermediate plate; 1 mm thick

870-943



**Item no.: 870-944**  
End and intermediate plate; 1 mm thick

870-944

|                                                                                    |                                                                                                                               |         |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------|
|    | Item no.: 870-948<br>Separator plate; 1 mm thick                                                                              | 870-948 |
|    | Item no.: 870-949<br>Separator plate; 1 mm thick                                                                              | 870-949 |
| <b>Jumper</b>                                                                      |                                                                                                                               |         |
|    | Item no.: 709-110<br>Wire commoning chain; insulated; 4 connections; 3 x 110 mm                                               | 709-110 |
|    | Item no.: 709-111<br>Wire commoning chain; insulated; 3 connections; 2 x 120 mm                                               | 709-111 |
|    | Item no.: 709-112<br>Wire commoning chain; insulated; 3 connections; 2 x 170 mm                                               | 709-112 |
| <b>Protective Warning Marker</b>                                                   |                                                                                                                               |         |
|    | Item no.: 280-405<br>Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks                        | 280-405 |
| <b>assembling</b>                                                                  |                                                                                                                               |         |
|    | Item no.: 209-106<br>Mounting carrier; for isolated mounting on DIN 35 rails                                                  | 209-106 |
|    | Item no.: 249-116<br>Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5                                         | 249-116 |
|  | Item no.: 249-117<br>Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5                                        | 249-117 |
| <b>Insulation stop</b>                                                             |                                                                                                                               |         |
|  | Item no.: 280-470<br>Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip            | 280-470 |
|  | Item no.: 280-471<br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip                                             | 280-471 |
|  | Item no.: 280-472<br>Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip                                               | 280-472 |
| <b>Carrier rail</b>                                                                |                                                                                                                               |         |
|  | Item no.: 210-112<br>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<br>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<br>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<br>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<br>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<br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715               | 210-196 |

|                                                                                    |                                                                                                                                 |         |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------|
|    | <b>Item no.: 210-197</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715                | 210-197 |
|    | <b>Item no.: 210-198</b><br>Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715           | 210-198 |
|    | <b>Item no.: 210-504</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715   | 210-504 |
|    | <b>Item no.: 210-505</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715 | 210-505 |
|    | <b>Item no.: 210-506</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715  | 210-506 |
|    | <b>Item no.: 210-508</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715    | 210-508 |
| <b>ferrule</b>                                                                     |                                                                                                                                 |         |
|    | <b>Item no.: 216-121</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated                   | 216-121 |
|    | <b>Item no.: 216-122</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated                  | 216-122 |
|   | <b>Item no.: 216-123</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated                     | 216-123 |
|  | <b>Item no.: 216-124</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated                   | 216-124 |
|  | <b>Item no.: 216-131</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated                  | 216-131 |
|  | <b>Item no.: 216-132</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated                  | 216-132 |
|  | <b>Item no.: 216-221</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated                     | 216-221 |
|  | <b>Item no.: 216-222</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated                    | 216-222 |
|  | <b>Item no.: 216-223</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated                       | 216-223 |
|  | <b>Item no.: 216-224</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated                     | 216-224 |
|                                                                                    | <b>Item no.: 216-321</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated                    | 216-321 |
|  | <b>Item no.: 216-322</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated                    | 216-322 |
| <b>tools</b>                                                                       |                                                                                                                                 |         |
|  | <b>Item no.: 210-657</b><br>Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short                          | 210-657 |



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

Downloads

Documentation

|                        |                |          |
|------------------------|----------------|----------|
| Bid Text               |                |          |
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Subject to changes.