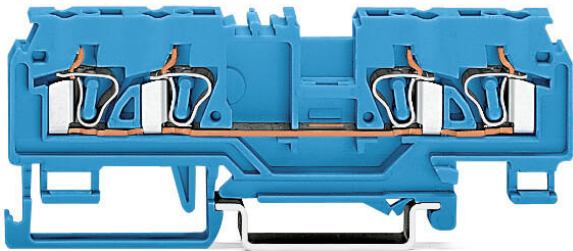


## Data sheet | Item number: 880-834/999-940

4-conductor through terminal block; 4 mm<sup>2</sup>; with test port; suitable for Ex i applications; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm<sup>2</sup>; blue



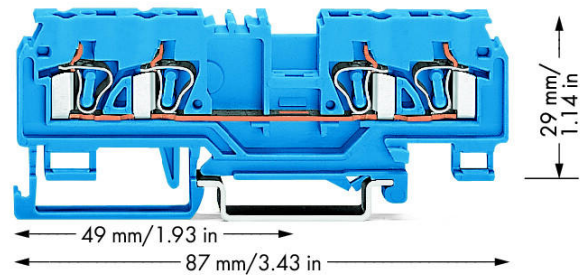
880-834\_999-940



RoHS Compliant

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

Color:



### Data

#### Electrical data

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

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 800 V |
| Rated impulse voltage (III / 3) | 8 kV  |
| Rated current                   | 20 A  |

## Connection data

|                                   |                         |
|-----------------------------------|-------------------------|
| Connection technology             | CAGE CLAMP®             |
| Actuation type                    | Operating tool          |
| Connectable conductor materials   | Copper                  |
| Solid conductor                   | 0.08 4 mm² / 28 12 AWG  |
| Fine-stranded conductor           | 0.08 4 mm² / 28 12 AWG  |
| Strip length                      | 8 9 mm / 0.31 0.35 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 | 29 mm / 1.142 inch |
| Depth                                 | 87 mm / 3.425 inch |

## Mechanical data

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | blue                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.175 MJ             |
| Weight              | 12 g                 |

## Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | PL            |
| GTIN               | 4044918560863 |
| Customs Tariff No. | 85369010000   |

## Approvals / Certificates

### Radio-Approvals

| Logo | Approval                        | Additional Approval Text | Certificate name |
|------|---------------------------------|--------------------------|------------------|
|      | CCA<br>DEKRA Certification B.V. | EN 60947                 | 2174152.01       |



|                                 |          |                |
|---------------------------------|----------|----------------|
| CCA<br>DEKRA Certification B.V. | EN 60947 | NTR-NL<br>7339 |
|---------------------------------|----------|----------------|

#### Country specific Approvals

| Logo                                                                              | Approval                           | Additional Approval Text | Certificate name         |
|-----------------------------------------------------------------------------------|------------------------------------|--------------------------|--------------------------|
|   | ABS<br>American Bureau of Shipping | EN 60947                 | 14-<br>HG1293677-<br>PDA |
|   | CCA<br>DEKRA Certification B.V.    | EN 60947                 | NTR-NL<br>7339           |
|  | CCA<br>DEKRA Certification B.V.    | EN 60947                 | 2174152.01               |

#### Ship Approvals

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

#### Other Approvals

| Logo                                                                               | Approval                             | Additional Approval Text | Certificate name    |
|------------------------------------------------------------------------------------|--------------------------------------|--------------------------|---------------------|
|  | UL<br>Underwriters Laboratories Inc. | UL 1059                  | 20170731-<br>E45172 |

#### UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|----------|--------------------------|------------------|
|      | UL       | UL 1059                  | 20170731-        |

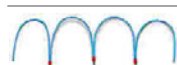


## Compatible products

### Carrier rail

|                                                                                    |                                                                                                                                        |         |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------|
|    | <b>Item no.: 210-112</b><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 |
|    | <b>Item no.: 210-113</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715                    | 210-113 |
|  | <b>Item no.: 210-114</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715                     | 210-114 |
|  | <b>Item no.: 210-115</b><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 |
|  | <b>Item no.: 210-118</b><br>Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715                   | 210-118 |
|  | <b>Item no.: 210-196</b><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored | 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; copper-colored  | 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 |

check

|                                                                                    |                                                                                                                                                    |         |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|     | <b>Item no.: 209-170</b><br>Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm <sup>2</sup> - 10 mm <sup>2</sup> tbs; gray | 209-170 |
|    | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable; red                                                                              | 210-136 |
|    | <b>Item no.: 210-137</b><br>Test plug; 2.3 mm Ø; with 500 mm cable; yellow                                                                         | 210-137 |
|     | <b>Item no.: 249-106</b><br>B-type test plug module; modular; 1,50 mm <sup>2</sup> ; gray                                                          | 249-106 |
|    | <b>Item no.: 249-107</b><br>B-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray                                       | 249-107 |
| <b>Protective Warning Marker</b>                                                   |                                                                                                                                                    |         |
|    | <b>Item no.: 280-415</b><br>Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow                              | 280-415 |
| <b>Insulation stop</b>                                                             |                                                                                                                                                    |         |
|    | <b>Item no.: 280-470</b><br>Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip; white                   | 280-470 |
|    | <b>Item no.: 280-471</b><br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray                                               | 280-471 |
|   | <b>Item no.: 280-472</b><br>Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip                                                             | 280-472 |
| <b>Jumper</b>                                                                      |                                                                                                                                                    |         |
|  | <b>Item no.: 210-103</b><br>Wire commoning chain; insulated; 50 connections; black                                                                 | 210-103 |
|  | <b>Item no.: 210-123</b><br>Wire commoning chain; insulated; 50 connections                                                                        | 210-123 |
|  | <b>Item no.: 249-123</b><br>Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm <sup>2</sup>                  | 249-123 |
|  | <b>Item no.: 249-125</b><br>Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm <sup>2</sup>                   | 249-125 |
|  | <b>Item no.: 249-126</b><br>Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm <sup>2</sup>                  | 249-126 |
|  | <b>Item no.: 249-127</b><br>Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm <sup>2</sup>                  | 249-127 |
|   | <b>Item no.: 280-402</b><br>Adjacent jumper; insulated; IN = IN terminal block; gray                                                               | 280-402 |
|   | <b>Item no.: 280-409</b><br>Alternate jumper; insulated; IN = IN terminal block; gray                                                              | 280-409 |
|   | <b>Item no.: 280-422</b><br>Adjacent jumper; insulated; IN = IN terminal block; yellow-green                                                       | 280-422 |



**Item no.: 709-110**  
Wire commoning chain; insulated; 4 connections; 3 x 110 mm; black

709-110



**Item no.: 709-111**  
Wire commoning chain; insulated; 3 connections; 2 x 120 mm; black

709-111



**Item no.: 709-112**  
Wire commoning chain; insulated; 3 connections; 2 x 170 mm; black

709-112



**Item no.: 780-452**  
Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

780-452



**Item no.: 780-453**  
Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

780-453



**Item no.: 780-454**  
Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

780-454



**Item no.: 780-455**  
Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

780-455



**Item no.: 780-456**  
Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

780-456



**Item no.: 780-457**  
Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

780-457



**Item no.: 780-458**  
Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs; gray

780-458

#### ferrule



**Item no.: 216-206**  
Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; blue

216-206

#### General accessories



**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<sup>2</sup> - 4 mm<sup>2</sup> tbs; gray

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; gray

280-418



**Item no.: 280-419**  
Spacer module; modular; bridging commoned terminal blocks; gray

280-419



**Item no.: 281-407**  
Test plug; 6 mm wide; Nominal current 24 A; for 0.08 mm<sup>2</sup> - 2.5 mm<sup>2</sup>; 2,50 mm<sup>2</sup>; gray

281-407

#### Marking accessories



**Item no.: 2009-115**  
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; white

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; yellow      | /000-002 | 2009-115 |
|    | <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; blue        | /000-006 | 2009-115 |
|    | <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; gray        | /000-007 | 2009-115 |
|    | <b>Item no.: 2009-115/000-012</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; orange      | /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; light green | /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; green       | /000-023 | 2009-115 |
|    | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; violet      | /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; white          |          | 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; yellow | /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; red    | /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; blue   | /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; gray   | /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; orange | /000-012 | 2009-145 |
|  | <b>Item no.: 2009-145/000-023</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type; green  | /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; violet | /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; yellow

/000-002

248-501

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

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

/000-005

248-501

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

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

/000-006

248-501

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

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

/000-007

248-501

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

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

/000-012

248-501

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

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

/000-017

248-501

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

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

/000-023

248-501

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

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

/000-024

248-501

**Item no.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white

793-501

**Item no.: 793-501/000-002**

WMB marking card; as card; not stretchable; plain; snap-on type; white

/000-002

793-501

**Item no.: 793-501/000-005**

WMB marking card; as card; not stretchable; plain; snap-on type; white

/000-005

793-501

**Item no.: 793-501/000-006**

WMB marking card; as card; not stretchable; plain; snap-on type; white

/000-006

793-501

**Item no.: 793-501/000-007**

WMB marking card; as card; not stretchable; plain; snap-on type; white

/000-007

793-501

**Item no.: 793-501/000-012**

WMB marking card; as card; not stretchable; plain; snap-on type; white

/000-012

793-501



**Item no.: 793-501/000-017**

WMB marking card; as card; not stretchable; plain; snap-on type; white

/000-017

793-501

**Item no.: 793-501/000-023**

WMB marking card; as card; not stretchable; plain; snap-on type; white

/000-023

793-501

**Item no.: 793-501/000-024**

WMB marking card; as card; not stretchable; plain; snap-on type; white

/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; white

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; yellow

/000-002

793-5501

**Item no.: 793-5501/000-005**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; red

/000-005

793-5501

**Item no.: 793-5501/000-006**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; blue

/000-006

793-5501

**Item no.: 793-5501/000-007**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; gray

/000-007

793-5501

**Item no.: 793-5501/000-012**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; orange

/000-012

793-5501

**Item no.: 793-5501/000-017**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; light green

/000-017

793-5501

**Item no.: 793-5501/000-023**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; green

/000-023

793-5501

**Item no.: 793-5501/000-024**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type; violet

/000-024

793-5501

**End plate****Item no.: 880-344**

End and intermediate plate; 2.5 mm thick; gray

880-344

**Item no.: 880-345**

Separator plate; 2 mm thick; oversized; gray

880-345

**Item no.: 880-346**

End and intermediate plate; 2.5 mm thick; orange

880-346

|                                                                                  |                                                                                                      |         |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 880-347</b><br>Separator plate; 2 mm thick; oversized; orange                           | 880-347 |
| assembling                                                                       |                                                                                                      |         |
|  | <b>Item no.: 209-106</b><br>Mounting carrier; for isolated mounting on DIN 35 rails; gray            | 209-106 |
|  | <b>Item no.: 709-153</b><br>Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent | 709-153 |

## Downloads

## Documentation

## Bid Text

|                        |                |               |
|------------------------|----------------|---------------|
| 880-834/999-940        | doc<br>25.1 kB | Download      |
| Additional Information |                |               |
| Technical explanations | Apr 3, 2019    | pdf<br>2.1 MB |
| Download               |                |               |

## CAD/CAE - Smart Data

## CAD data

|                             |     |          |
|-----------------------------|-----|----------|
| 3D Download 880-834/999-940 | URL | Download |
| <hr/>                       |     |          |
| EPLAN                       |     |          |
| EPLAN Data Portal           |     | Download |
| <hr/>                       |     |          |
| WSCAD                       |     |          |
| WSCAD Universe              |     | Download |

Subject to changes.