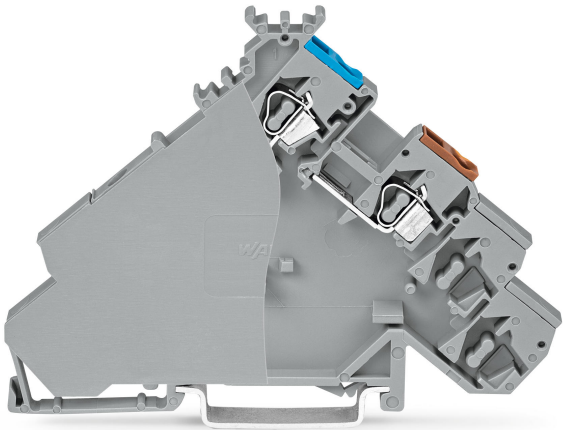


Data sheet | Item number: 280-587

4-conductor sensor supply terminal block; with colored conductor entries;  
2.5 mm<sup>2</sup>; CAGE CLAMP®

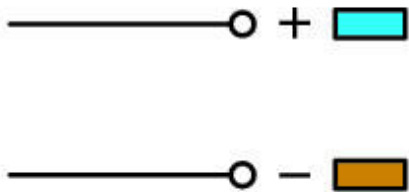
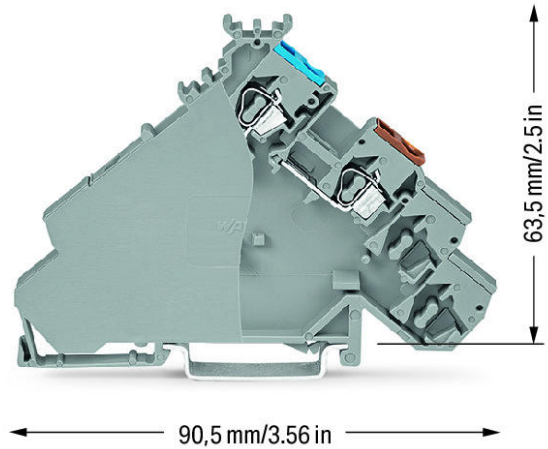
[www.wago.com/280-587](http://www.wago.com/280-587)



RoHS   
Compliant

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

Color:



Data  
Electrical data

## Ratings per IEC/EN 60664-1

|                                 |                                                                      |
|---------------------------------|----------------------------------------------------------------------|
| Rated voltage (III / 3)         | 400 V                                                                |
| Rated impulse voltage (III / 3) | 6 kV                                                                 |
| Rated current                   | 20 A                                                                 |
| Legend (ratings)                | (III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3 |

## Connection data

|                                   |                                              |
|-----------------------------------|----------------------------------------------|
| Connection technology             | CAGE CLAMP®                                  |
| Actuation type                    | Operating tool                               |
| Connectable conductor materials   | Copper<br>Aluminum                           |
| Solid conductor                   | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor           | 0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG |
| Strip length                      | 8 ... 9 mm / 0.31 ... 0.35 Inch              |
| Total number of connection points | 2                                            |
| Total number of potentials        | 2                                            |
| Number of levels                  | 4                                            |
| Type of wiring                    | Front-entry wiring                           |

## Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 6 mm / 0.236 inch    |
| Height from upper-edge of DIN-35 rail | 63.5 mm / 2.5 inch   |
| Depth                                 | 90.5 mm / 3.563 inch |

## Mechanical data

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.346 MJ             |
| Weight              | 13.95 g              |

## Commercial data

|                   |               |
|-------------------|---------------|
| Country of origin | DE            |
| GTIN              | 4044918637282 |

|                    |                                  |
|--------------------|----------------------------------|
| Customs Tariff No. | 85369010000                      |
| Product Group      | 1 (Rail Mounted Terminal Blocks) |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                             | Approval                        | Certificate name |
|----------------------------------------------------------------------------------|---------------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | 2160584.53       |

### Ship Approvals

| Logo                                                                             | Approval                           | Certificate name |
|----------------------------------------------------------------------------------|------------------------------------|------------------|
|  | ABS<br>American Bureau of Shipping | 14-HG1293677-PDA |

### UL-Approvals

| Logo                                                                              | Approval                             | Certificate name |
|-----------------------------------------------------------------------------------|--------------------------------------|------------------|
|  | UR<br>Underwriters Laboratories Inc. | E45172           |

## Compatible products

### assembling

|                                                                                    |                                                                                  |                                                                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | Item no.: 709-154<br>Cover; Type 2; suitable for cover carrier, type 2; 1 m long | <a href="http://www.wago.com/709-154">www.wago.com/709-154</a> |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------|

### End plate

|                                                                                    |                                                                                                 |                                                                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | Item no.: 280-320<br>End and intermediate plate; 1 mm thick; for quadruple-deck terminal blocks | <a href="http://www.wago.com/280-320">www.wago.com/280-320</a> |
|  | Item no.: 280-323<br>End and intermediate plate; 1 mm thick; for quadruple-deck terminal blocks | <a href="http://www.wago.com/280-323">www.wago.com/280-323</a> |

### Marking accessories

|                                                                                    |                                                                                                                  |                                                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | Item no.: 2009-115<br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type         | <a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>                 |
|  | Item no.: 2009-115/000-002<br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | <a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a> |

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

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

[www.wago.com/2009-115/000-006](http://www.wago.com/2009-115/000-006)**Item no.: 2009-115/000-007**

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

[www.wago.com/2009-115/000-007](http://www.wago.com/2009-115/000-007)**Item no.: 2009-115/000-012**

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

[www.wago.com/2009-115/000-012](http://www.wago.com/2009-115/000-012)**Item no.: 2009-115/000-017**

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

[www.wago.com/2009-115/000-017](http://www.wago.com/2009-115/000-017)**Item no.: 2009-115/000-023**

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

[www.wago.com/2009-115/000-023](http://www.wago.com/2009-115/000-023)**Item no.: 2009-115/000-024**

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

[www.wago.com/2009-115/000-024](http://www.wago.com/2009-115/000-024)**Item no.: 793-501**

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

[www.wago.com/793-501](http://www.wago.com/793-501)**Item no.: 793-501/000-002**

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

[www.wago.com/793-501/000-002](http://www.wago.com/793-501/000-002)**Item no.: 793-501/000-005**

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

[www.wago.com/793-501/000-005](http://www.wago.com/793-501/000-005)**Item no.: 793-501/000-006**

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

[www.wago.com/793-501/000-006](http://www.wago.com/793-501/000-006)**Item no.: 793-501/000-007**

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

[www.wago.com/793-501/000-007](http://www.wago.com/793-501/000-007)**Item no.: 793-501/000-012**

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

[www.wago.com/793-501/000-012](http://www.wago.com/793-501/000-012)**Item no.: 793-501/000-017**

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

[www.wago.com/793-501/000-017](http://www.wago.com/793-501/000-017)**Item no.: 793-501/000-023**

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

[www.wago.com/793-501/000-023](http://www.wago.com/793-501/000-023)**Item no.: 793-501/000-024**

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

[www.wago.com/793-501/000-024](http://www.wago.com/793-501/000-024)

**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 [www.wago.com/793-5501](http://www.wago.com/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 [www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)

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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)

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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)

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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)

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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)

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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)

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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)

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

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type [www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)

**ferrule****Item no.: 216-101**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated [www.wago.com/216-101](http://www.wago.com/216-101)

**Item no.: 216-102**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated [www.wago.com/216-102](http://www.wago.com/216-102)

**Item no.: 216-103**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated [www.wago.com/216-103](http://www.wago.com/216-103)

**Item no.: 216-104**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated [www.wago.com/216-104](http://www.wago.com/216-104)

**Item no.: 216-201**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; insulated; electro-tin plated [www.wago.com/216-201](http://www.wago.com/216-201)

**Item no.: 216-202**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; insulated; electro-tin plated [www.wago.com/216-202](http://www.wago.com/216-202)

**Item no.: 216-203**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated [www.wago.com/216-203](http://www.wago.com/216-203)



**Item no.: 216-204**  
Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated

[www.wago.com/216-204](http://www.wago.com/216-204)



**Item no.: 216-301**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

[www.wago.com/216-301](http://www.wago.com/216-301)



**Item no.: 216-302**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated

[www.wago.com/216-302](http://www.wago.com/216-302)

## tools



**Item no.: 210-657**  
Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short

[www.wago.com/210-657](http://www.wago.com/210-657)



**Item no.: 210-658**  
Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled

[www.wago.com/210-658](http://www.wago.com/210-658)



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

[www.wago.com/210-720](http://www.wago.com/210-720)

## Insulation stop



**Item no.: 280-470**  
Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip

[www.wago.com/280-470](http://www.wago.com/280-470)



**Item no.: 280-471**  
Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip

[www.wago.com/280-471](http://www.wago.com/280-471)



**Item no.: 280-472**  
Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip

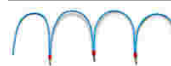
[www.wago.com/280-472](http://www.wago.com/280-472)

## Jumper



**Item no.: 210-103**  
Wire commoning chain; insulated; 50 connections

[www.wago.com/210-103](http://www.wago.com/210-103)



**Item no.: 210-123**  
Wire commoning chain; insulated; 50 connections

[www.wago.com/210-123](http://www.wago.com/210-123)



**Item no.: 249-123**  
Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm<sup>2</sup>

[www.wago.com/249-123](http://www.wago.com/249-123)



**Item no.: 249-125**  
Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm<sup>2</sup>

[www.wago.com/249-125](http://www.wago.com/249-125)



**Item no.: 249-126**  
Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm<sup>2</sup>

[www.wago.com/249-126](http://www.wago.com/249-126)



**Item no.: 249-127**  
Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm<sup>2</sup>

[www.wago.com/249-127](http://www.wago.com/249-127)



**Item no.: 280-402**  
Adjacent jumper; insulated; IN = IN terminal block

[www.wago.com/280-402](http://www.wago.com/280-402)



**Item no.: 280-482**  
Comb-style jumper bar; insulated; 2-way; IN = IN terminal block

[www.wago.com/280-482](http://www.wago.com/280-482)

**Item no.: 280-483**  
Comb-style jumper bar; insulated; 3-way; IN = IN terminal block

[www.wago.com/280-483](http://www.wago.com/280-483)

**Item no.: 280-484**

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

[www.wago.com/280-484](http://www.wago.com/280-484)**Item no.: 280-485**

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

[www.wago.com/280-485](http://www.wago.com/280-485)**Item no.: 280-490**

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

[www.wago.com/280-490](http://www.wago.com/280-490)**Item no.: 280-492**

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

[www.wago.com/280-492](http://www.wago.com/280-492)**Item no.: 709-110**

Wire commoning chain; insulated; 4 connections; 3 x 110 mm

[www.wago.com/709-110](http://www.wago.com/709-110)**Item no.: 709-111**

Wire commoning chain; insulated; 3 connections; 2 x 120 mm

[www.wago.com/709-111](http://www.wago.com/709-111)**Item no.: 709-112**

Wire commoning chain; insulated; 3 connections; 2 x 170 mm

[www.wago.com/709-112](http://www.wago.com/709-112)**Item no.: 780-452**

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

[www.wago.com/780-452](http://www.wago.com/780-452)**Item no.: 780-453**

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

[www.wago.com/780-453](http://www.wago.com/780-453)**Item no.: 780-454**

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

[www.wago.com/780-454](http://www.wago.com/780-454)**Item no.: 780-455**

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

[www.wago.com/780-455](http://www.wago.com/780-455)**Item no.: 780-456**

Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs

[www.wago.com/780-456](http://www.wago.com/780-456)**Item no.: 780-457**

Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs

[www.wago.com/780-457](http://www.wago.com/780-457)**Item no.: 780-458**

Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs

[www.wago.com/780-458](http://www.wago.com/780-458)**Protective Warning Marker****Item no.: 280-415**

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

[www.wago.com/280-415](http://www.wago.com/280-415)**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

[www.wago.com/210-112](http://www.wago.com/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

[www.wago.com/210-113](http://www.wago.com/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                   | <a href="http://www.wago.com/210-114">www.wago.com/210-114</a> |
|    | <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 | <a href="http://www.wago.com/210-115">www.wago.com/210-115</a> |
|    | <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                 | <a href="http://www.wago.com/210-118">www.wago.com/210-118</a> |
|    | <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               | <a href="http://www.wago.com/210-196">www.wago.com/210-196</a> |
|    | <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                     | <a href="http://www.wago.com/210-197">www.wago.com/210-197</a> |
|    | <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                | <a href="http://www.wago.com/210-198">www.wago.com/210-198</a> |
|    | <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        | <a href="http://www.wago.com/210-504">www.wago.com/210-504</a> |
|    | <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      | <a href="http://www.wago.com/210-505">www.wago.com/210-505</a> |
|    | <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       | <a href="http://www.wago.com/210-506">www.wago.com/210-506</a> |
|  | <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         | <a href="http://www.wago.com/210-508">www.wago.com/210-508</a> |

## Downloads

## Documentation

## Bid Text

|         |              |                |          |
|---------|--------------|----------------|----------|
| 280-587 | Oct 12, 2017 | DOC<br>25.6 kB | Download |
|---------|--------------|----------------|----------|

## smartDATA

## CAD data

|                     |     |          |
|---------------------|-----|----------|
| 3D Download 280-587 | URL | Download |
|---------------------|-----|----------|

Subject to changes.

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