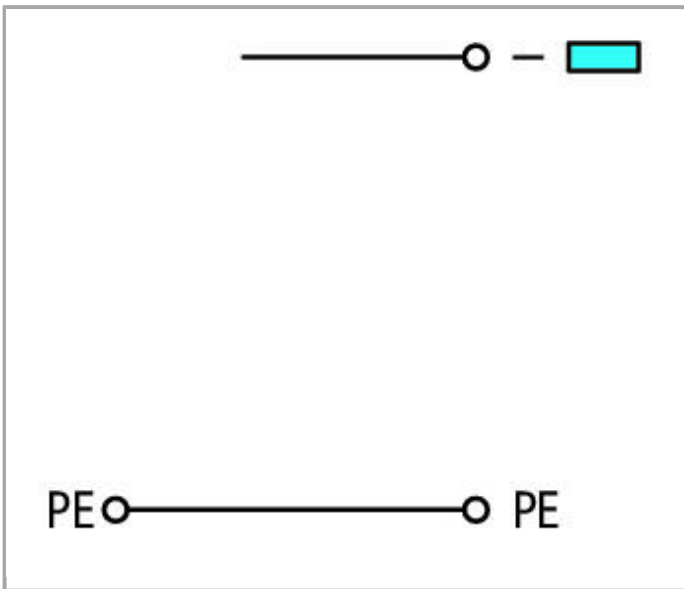
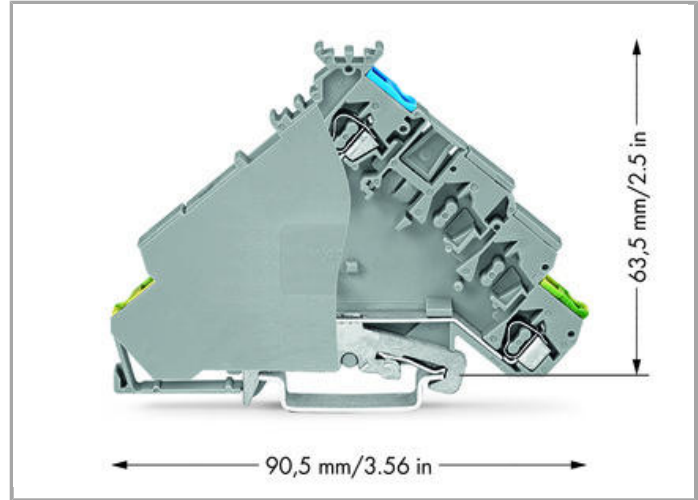
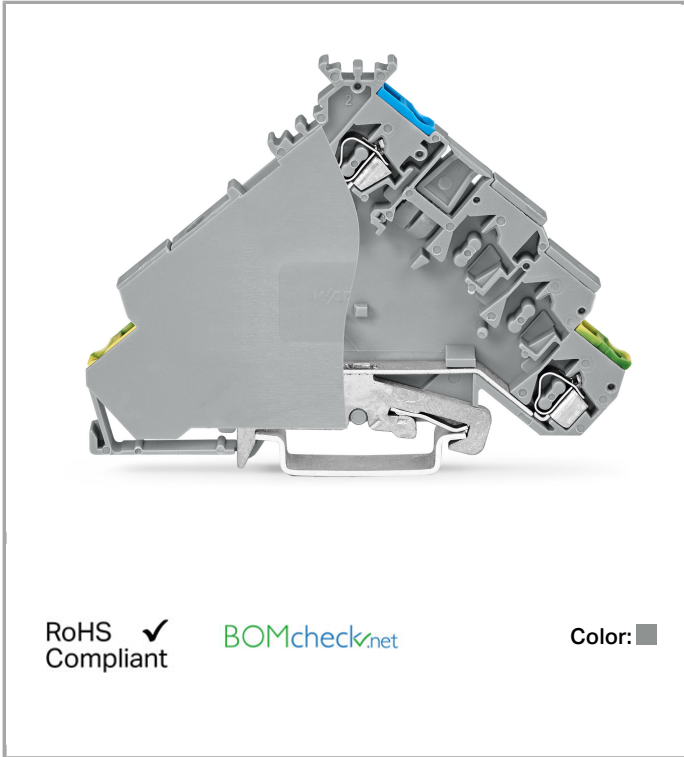


Data sheet | Item number: 280-578

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



[www.wago.com/280-578](http://www.wago.com/280-578)



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) $\hat{=}$ Overvoltage category III / Pollution degree 3

### Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper 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	3
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	0.339 MJ
Weight	16.613 g

### Commercial data

Country of origin	DE
GTIN	4045454093907
Customs Tariff No.	85369010000

Product Group


1 (Rail Mounted Terminal Blocks)

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Certificate name
	<b>CCA</b> DEKRA Certification B.V.	2160584.53

### Ship Approvals







Logo	Approval	Certificate name
	<b>ABS</b> American Bureau of Shipping	14-HG1293677-PDA
















### UL-Approvals

Logo	Approval	Certificate name
	<b>UR</b> Underwriters Laboratories Inc.	E45172

## Compatible products

### Marking accessories

	<b>Item no.: 2009-115</b> 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>
	<b>Item no.: 2009-115/000-002</b> 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>
	<b>Item no.: 2009-115/000-006</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</a>
	<b>Item no.: 2009-115/000-007</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</a>
	<b>Item no.: 2009-115/000-012</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a>
	<b>Item no.: 2009-115/000-017</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	<a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a>

	<p><b>Item no.: 2009-115/000-023</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a>
	<p><b>Item no.: 2009-115/000-024</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a>
	<p><b>Item no.: 793-501</b> WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501">www.wago.com/793-501</a>
	<p><b>Item no.: 793-501/000-002</b> WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>
	<p><b>Item no.: 793-501/000-005</b> WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>
	<p><b>Item no.: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>
	<p><b>Item no.: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>
	<p><b>Item no.: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>
	<p><b>Item no.: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>
	<p><b>Item no.: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>
	<p><b>Item no.: 793-501/000-024</b> WMB marking card; as card; not stretchable; plain; snap-on type</p>	<a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>
	<p><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</p>	<a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>
	<p><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</p>	<a href="http://www.wago.com/793-5501/000-002">www.wago.com/793-5501/000-002</a>
	<p><b>Item no.: 793-5501/000-005</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-5501/000-005">www.wago.com/793-5501/000-005</a>
	<p><b>Item no.: 793-5501/000-006</b> WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/793-5501/000-006">www.wago.com/793-5501/000-006</a>



**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)

#### assembling



**Item no.: 709-154**  
Cover; Type 2; suitable for cover carrier, type 2; 1 m long

[www.wago.com/709-154](http://www.wago.com/709-154)

#### 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)

#### Jumper




	<b>Item no.: 210-103</b> Wire commoning chain; insulated; 50 connections	<a href="http://www.wago.com/210-103">www.wago.com/210-103</a>
	<b>Item no.: 210-123</b> Wire commoning chain; insulated; 50 connections	<a href="http://www.wago.com/210-123">www.wago.com/210-123</a>
	<b>Item no.: 249-123</b> Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm <sup>2</sup>	<a href="http://www.wago.com/249-123">www.wago.com/249-123</a>
	<b>Item no.: 249-125</b> Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm <sup>2</sup>	<a href="http://www.wago.com/249-125">www.wago.com/249-125</a>
	<b>Item no.: 249-126</b> Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm <sup>2</sup>	<a href="http://www.wago.com/249-126">www.wago.com/249-126</a>
	<b>Item no.: 249-127</b> Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm <sup>2</sup>	<a href="http://www.wago.com/249-127">www.wago.com/249-127</a>
	<b>Item no.: 280-402</b> Adjacent jumper; insulated; IN = IN terminal block	<a href="http://www.wago.com/280-402">www.wago.com/280-402</a>
	<b>Item no.: 280-482</b> Comb-style jumper bar; insulated; 2-way; IN = IN terminal block	<a href="http://www.wago.com/280-482">www.wago.com/280-482</a>
	<b>Item no.: 280-483</b> Comb-style jumper bar; insulated; 3-way; IN = IN terminal block	<a href="http://www.wago.com/280-483">www.wago.com/280-483</a>
	<b>Item no.: 280-484</b> Comb-style jumper bar; insulated; 4-way; IN = IN terminal block	<a href="http://www.wago.com/280-484">www.wago.com/280-484</a>
	<b>Item no.: 280-485</b> Comb-style jumper bar; insulated; 5-way; IN = IN terminal block	<a href="http://www.wago.com/280-485">www.wago.com/280-485</a>
	<b>Item no.: 280-490</b> Comb-style jumper bar; insulated; 10-way; IN = IN terminal block	<a href="http://www.wago.com/280-490">www.wago.com/280-490</a>
	<b>Item no.: 280-492</b> Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block	<a href="http://www.wago.com/280-492">www.wago.com/280-492</a>
	<b>Item no.: 709-110</b> Wire commoning chain; insulated; 4 connections; 3 x 110 mm	<a href="http://www.wago.com/709-110">www.wago.com/709-110</a>
	<b>Item no.: 709-111</b> Wire commoning chain; insulated; 3 connections; 2 x 120 mm	<a href="http://www.wago.com/709-111">www.wago.com/709-111</a>
	<b>Item no.: 709-112</b> Wire commoning chain; insulated; 3 connections; 2 x 170 mm	<a href="http://www.wago.com/709-112">www.wago.com/709-112</a>
	<b>Item no.: 780-452</b> Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs	<a href="http://www.wago.com/780-452">www.wago.com/780-452</a>
	<b>Item no.: 780-453</b> Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs	<a href="http://www.wago.com/780-453">www.wago.com/780-453</a>
	<b>Item no.: 780-454</b> Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs	<a href="http://www.wago.com/780-454">www.wago.com/780-454</a>
	<b>Item no.: 780-455</b> Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs	<a href="http://www.wago.com/780-455">www.wago.com/780-455</a>

	<b>Item no.: 780-456</b> Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs	<a href="http://www.wago.com/780-456">www.wago.com/780-456</a>
	<b>Item no.: 780-457</b> Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs	<a href="http://www.wago.com/780-457">www.wago.com/780-457</a>
	<b>Item no.: 780-458</b> Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs	<a href="http://www.wago.com/780-458">www.wago.com/780-458</a>




**Carrier rail**

	<b>Item no.: 210-112</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm	<a href="http://www.wago.com/210-112">www.wago.com/210-112</a>
	<b>Item no.: 210-113</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715	<a href="http://www.wago.com/210-113">www.wago.com/210-113</a>
	<b>Item no.: 210-114</b> 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> 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> 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> 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> 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> 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> 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> 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> 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> 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>


**tools**

	<b>Item no.: 210-657</b> Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short	<a href="http://www.wago.com/210-657">www.wago.com/210-657</a>
	<b>Item no.: 210-658</b> Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled	<a href="http://www.wago.com/210-658">www.wago.com/210-658</a>
	<b>Item no.: 210-720</b> Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	<a href="http://www.wago.com/210-720">www.wago.com/210-720</a>

### 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	<a href="http://www.wago.com/280-470">www.wago.com/280-470</a>
	<b>Item no.: 280-471</b> Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip	<a href="http://www.wago.com/280-471">www.wago.com/280-471</a>
	<b>Item no.: 280-472</b> Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip	<a href="http://www.wago.com/280-472">www.wago.com/280-472</a>

### Protective Warning Marker

	<b>Item no.: 280-415</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	<a href="http://www.wago.com/280-415">www.wago.com/280-415</a>
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### Downloads

#### Documentation

#### Bid Text

280-578	Oct 12, 2017	DOC 26.1 kB	Download
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### smartDATA

#### CAD data

3D Download 280-578	URL	Download
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Subject to changes.