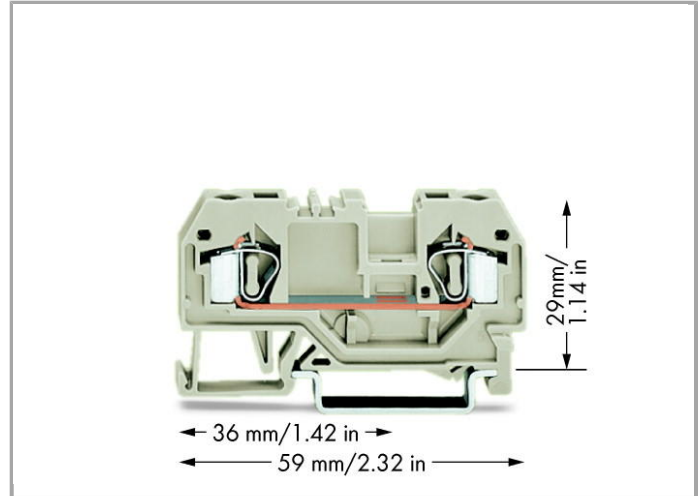
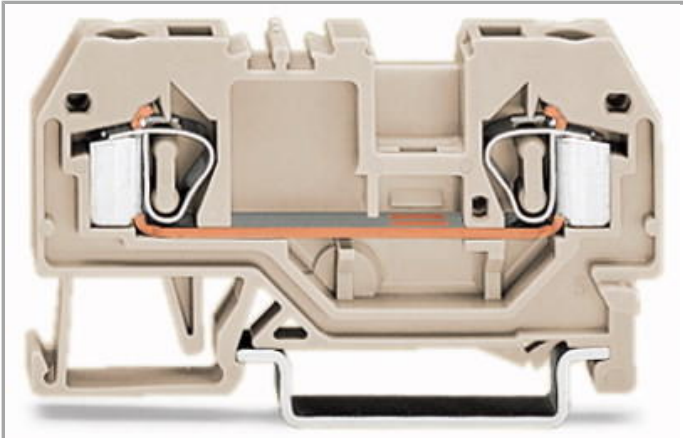


Data sheet | Item number: 281-992

2-conductor through terminal block; 4 mm<sup>2</sup>; suitable for Ex e II applications;  
center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®



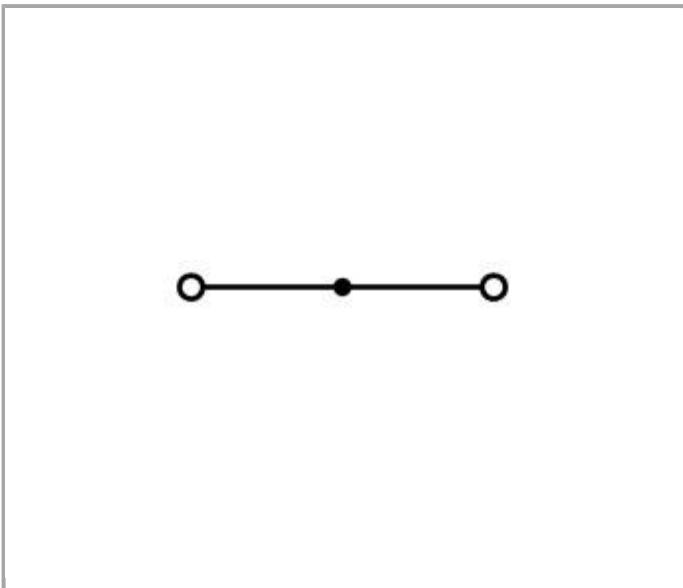
[www.wago.com/281-992](http://www.wago.com/281-992)



RoHS  
Compliant ✓

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

Color: ■



Data

Electrical data

Rated voltage EN (Ex e II)

550 V

## Ratings per IEC/EN 60664-1

Rated current	30 A
---------------	------

## Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper Aluminum
Solid conductor	0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 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	6 mm / 0.236 inch
Height from upper-edge of DIN-35 rail	29 mm / 1.142 inch
Depth	59 mm / 2.323 inch

## Mechanical data

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

## Material Data


Color	light gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.141 MJ
Weight	7.804 g

## Commercial data

Country of origin	DE
GTIN	4044918485180
Customs Tariff No.	85369010000

## Approvals / Certificates

### Ex-Approvals

Logo	Approval	Certificate name
	ATEX Physikalisch Technische Bundesanstalt (PTB)	PTB 00 ATEX 3110 U (II 2 G EEx e II)

### Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	NTR NL-7454/A1
	CCA DEKRA Certification B.V.	NTR NL-7454/A1
	CSA DEKRA Certification B.V.	1505034

### Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1293677-PDA
	BV Bureau Veritas S.A.	07436/E0 BV
	LR Lloyds Register	91/20112 (E9)

### UL-Approvals

Logo	Approval	Certificate name
	UR Underwriters Laboratories Inc.	E45172

### Compatible products assembling



**Item no.: 209-106**  
Mounting carrier; for isolated mounting on DIN 35 rails

[www.wago.com/209-106](http://www.wago.com/209-106)



**Item no.: 709-153**  
Cover; Type 1; suitable for cover carrier, type 1; 1 m long

[www.wago.com/709-153](http://www.wago.com/709-153)

### Protective Warning Marker



**Item no.: 281-415**  
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

[www.wago.com/281-415](http://www.wago.com/281-415)

### 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)

### Jumper



**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.: 281-402**  
Adjacent jumper; insulated; IN = IN terminal block

[www.wago.com/281-402](http://www.wago.com/281-402)



**Item no.: 281-409**  
Alternate jumper; insulated; IN = IN terminal block

[www.wago.com/281-409](http://www.wago.com/281-409)



**Item no.: 281-422**  
Adjacent jumper; insulated; IN = IN terminal block

[www.wago.com/281-422](http://www.wago.com/281-422)



**Item no.: 281-482**  
Comb-style jumper bar; insulated; 2-way; IN = IN terminal block

[www.wago.com/281-482](http://www.wago.com/281-482)



**Item no.: 281-483**  
Comb-style jumper bar; insulated; 3-way; IN = IN terminal block

[www.wago.com/281-483](http://www.wago.com/281-483)



**Item no.: 281-485**  
Comb-style jumper bar; insulated; 5-way; IN = IN terminal block

[www.wago.com/281-485](http://www.wago.com/281-485)



**Item no.: 281-490**  
Comb-style jumper bar; insulated; 10-way; IN = IN terminal block

[www.wago.com/281-490](http://www.wago.com/281-490)

**Item no.: 281-492**  
Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block

[www.wago.com/281-492](http://www.wago.com/281-492)



**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.: 781-452**  
Staggered jumper; insulated; from 1 to 2; Spacing: 6 mm

[www.wago.com/781-452](http://www.wago.com/781-452)



**Item no.: 781-453**  
Staggered jumper; insulated; from 1 to 3; Spacing: 6 mm

[www.wago.com/781-453](http://www.wago.com/781-453)



**Item no.: 781-454**  
Staggered jumper; insulated; from 1 to 4; Spacing: 6 mm

[www.wago.com/781-454](http://www.wago.com/781-454)



**Item no.: 781-455**  
Staggered jumper; insulated; from 1 to 5; Spacing: 6 mm

[www.wago.com/781-455](http://www.wago.com/781-455)



**Item no.: 781-456**  
Staggered jumper; insulated; from 1 to 6; Spacing: 6 mm

[www.wago.com/781-456](http://www.wago.com/781-456)

#### End plate



**Item no.: 209-190**  
Separator for Ex e/Ex i applications; 3 mm thick; 90 mm wide

[www.wago.com/209-190](http://www.wago.com/209-190)



**Item no.: 209-191**  
Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide

[www.wago.com/209-191](http://www.wago.com/209-191)



**Item no.: 209-192**  
Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide

[www.wago.com/209-192](http://www.wago.com/209-192)



**Item no.: 281-349**  
End and intermediate plate; 2.5 mm thick

[www.wago.com/281-349](http://www.wago.com/281-349)

#### Marking accessories



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

[www.wago.com/2009-115](http://www.wago.com/2009-115)



**Item no.: 2009-115/000-002**  
WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

[www.wago.com/2009-115/000-002](http://www.wago.com/2009-115/000-002)



















**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)

	<p><b>Item no.: 2009-115/000-012</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a>
	<p><b>Item no.: 2009-115/000-017</b> WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type</p>	<a href="http://www.wago.com/2009-115/000-017">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.: 209-140</b> Group marker carrier</p>	<a href="http://www.wago.com/209-140">www.wago.com/209-140</a>
	<p><b>Item no.: 209-141</b> Group marker carrier</p>	<a href="http://www.wago.com/209-141">www.wago.com/209-141</a>
	<p><b>Item no.: 209-142</b> Group marker carrier</p>	<a href="http://www.wago.com/209-142">www.wago.com/209-142</a>
	<p><b>Item no.: 209-185</b> Adaptor</p>	<a href="http://www.wago.com/209-185">www.wago.com/209-185</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>



**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)

#### Insulation stop



**Item no.: 281-470**  
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/281-470](http://www.wago.com/281-470)



**Item no.: 281-471**  
Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip

[www.wago.com/281-471](http://www.wago.com/281-471)



**Item no.: 281-472**  
Insulation stop; 0.75 - 1.5 mm<sup>2</sup>; 5 pieces/strip

[www.wago.com/281-472](http://www.wago.com/281-472)

#### 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> 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>
<b>General accessories</b>		
	<b>Item no.: 249-105</b> Group marker carrier	<a href="http://www.wago.com/249-105">www.wago.com/249-105</a>
<b>ferrule</b>		
	<b>Item no.: 216-106</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-106">www.wago.com/216-106</a>
	<b>Item no.: 216-201</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; insulated; electro-tin plated	<a href="http://www.wago.com/216-201">www.wago.com/216-201</a>
	<b>Item no.: 216-202</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; insulated; electro-tin plated	<a href="http://www.wago.com/216-202">www.wago.com/216-202</a>
	<b>Item no.: 216-203</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated	<a href="http://www.wago.com/216-203">www.wago.com/216-203</a>
	<b>Item no.: 216-204</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated	<a href="http://www.wago.com/216-204">www.wago.com/216-204</a>
	<b>Item no.: 216-205</b> Ferrule; Sleeve for 2.08 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated	<a href="http://www.wago.com/216-205">www.wago.com/216-205</a>
	<b>Item no.: 216-206</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated	<a href="http://www.wago.com/216-206">www.wago.com/216-206</a>
	<b>Item no.: 216-241</b>	



	Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
	<b>Item no.: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
	<b>Item no.: 216-243</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
	<b>Item no.: 216-244</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-244">www.wago.com/216-244</a>
	<b>Item no.: 216-246</b> Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-246">www.wago.com/216-246</a>
	<b>Item no.: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-301">www.wago.com/216-301</a>
	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-302">www.wago.com/216-302</a>

## Downloads

### Documentation

#### Bid Text

281-992	Oct 12, 2017	DOC 24.6 kB	Download
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## smartDATA

### CAD data

3D Download 281-992	URL	Download
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Subject to changes.