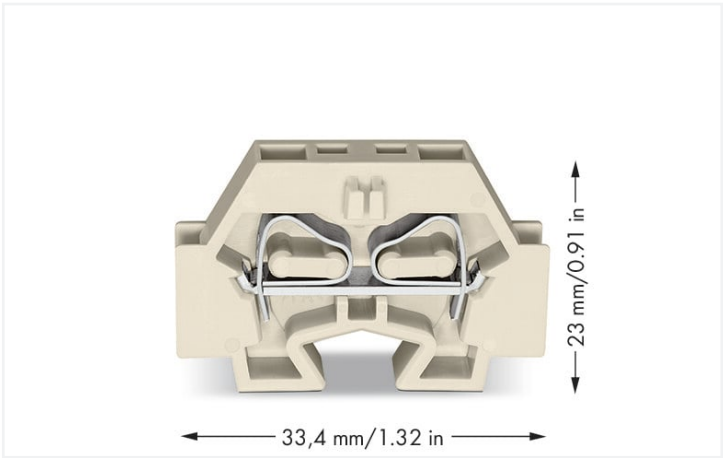


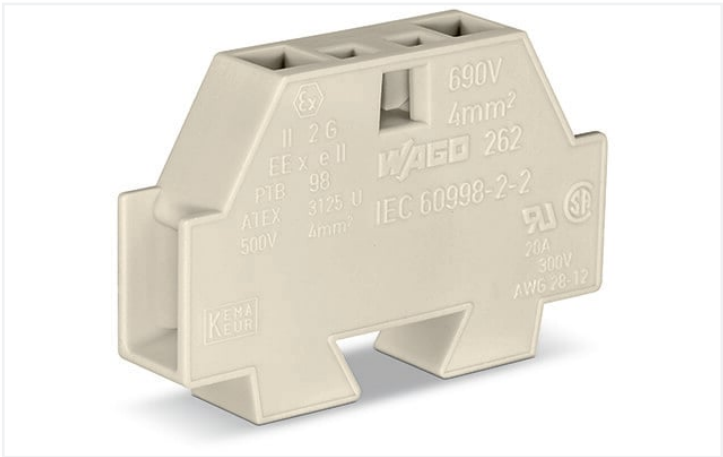
Data Sheet | Item Number: 262-181

Space-saving, 2-conductor end terminal block; without push-buttons; suitable for Ex e II applications; without protruding snap-in mounting foot; 1-pole; for terminal strips with snap-in mounting feet; 4 mm²; CAGE CLAMP®; 4,00 mm²; light gray

<https://www.wago.com/262-181>



Color: ■ light gray



Electrical data

Ex information	
Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	23 A

Connection data

Connection points	2
Total number of potentials	1
Number of levels	1

Connection 1	
Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches
Wiring direction	Side-entry wiring



Physical data	
Width	7 mm / 0.276 inches
Height from the surface	23.1 mm / 0.909 inches
Depth	33.5 mm / 1.319 inches

Mechanical data	
Design	horizontal type
Mounting type	Snap-in foot
Marking level	Side marking

Material data	
Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.077 MJ
Halogen-free	Yes
Weight	4.1 g

Commercial data	
Product Group	9 (Std Chassis Mt Blocks)
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	100 (50) pcs
Packaging type	Box
Country of origin	CH
GTIN	4044918642002
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	70010891	ATEX-Attestation of Con- formity WAGO GmbH & Co. KG	-	-
UR Underwriters Laboratories Inc.	UL 1059	E45172			



Approvals for hazardous areas



Approval	Standard	Certificate Name
AEx UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt	UL 60079	E185892 (AEx e II resp. Ex e II)
ATEX Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 98 ATEX 3125 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
CCC CNEX	GB/T 3836.3	2020312313000186 (Ex eb IIC Gb, Ex eb I Mb)
EAC Brjansker Zertifizierungs- stelle	TP TC 012/2011	RU C-DE.AM02. B.00127/19 (Ex e IIC Gb U)
IECEX Physikalisch Technische Bundesanstalt (PTB)	IEC 60079	IECEX PTB 04.0004U (Ex eb IIC Gb or Ex eb I Mb)
INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079	TÜV 12.1298 U

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 262-181

























Documentation

Additional Information				Bid Text			
Technical Section	pdf	2240.62 KB	↓	262-181	17.08.2017	doc 25.00 KB	↓
				262-181		xml 3.14 KB	

CAD/CAE-Data
























CAD data	CAE data
2D/3D Models 262-181	EPLAN Data Portal 262-181
	WSCAD Universe 262-181
	ZUKEN Portal 262-181



1 Compatible Products				
1.1 Required Accessories				
1.1.1 End plate				
1.1.1.1 End plate				
				
<div><div>Item No.: 262-373</div><div>End plate; with snap-in mounting foot; light gray</div></div>				
1.2 Optional Accessories				
1.2.1 Ferrule				
1.2.1.1 Ferrule				
				
<div><div>Item No.: 216-301</div><div>Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow</div></div>				
				
<div><div>Item No.: 216-321</div><div>Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow</div></div>				
				
<div><div>Item No.: 216-151</div><div>Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated</div></div>				
				
<div><div>Item No.: 216-131</div><div>Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored</div></div>				
				
<div><div>Item No.: 216-302</div><div>Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise</div></div>				
				
<div><div>Item No.: 216-322</div><div>Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise</div></div>				
				
<div><div>Item No.: 216-132</div><div>Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated</div></div>				
				
<div><div>Item No.: 216-152</div><div>Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated</div></div>				
				
<div><div>Item No.: 216-241</div><div>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white</div></div>				
				
<div><div>Item No.: 216-201</div><div>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white</div></div>				
				
<div><div>Item No.: 216-221</div><div>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white</div></div>				
				
<div><div>Item No.: 216-141</div><div>Ferrule; Sleeve for 0.5 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92</div></div>				
				
<div><div>Item No.: 216-101</div><div>Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored</div></div>				
				
<div><div>Item No.: 216-121</div><div>Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored</div></div>				
				
<div><div>Item No.: 216-242</div><div>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray</div></div>				
				
<div><div>Item No.: 216-262</div><div>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray</div></div>				
				
<div><div>Item No.: 216-202</div><div>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray</div></div>				
				
<div><div>Item No.: 216-222</div><div>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray</div></div>				
				
<div><div>Item No.: 216-142</div><div>Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92</div></div>				
				
<div><div>Item No.: 216-102</div><div>Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored</div></div>				
				
<div><div>Item No.: 216-122</div><div>Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored</div></div>				
				
<div><div>Item No.: 216-243</div><div>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red</div></div>				
				
<div><div>Item No.: 216-263</div><div>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red</div></div>				
				
<div><div>Item No.: 216-203</div><div>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red</div></div>				
				
<div><div>Item No.: 216-223</div><div>Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; red</div></div>				
				
<div><div>Item No.: 216-103</div><div>Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated</div></div>				
				
<div><div>Item No.: 216-143</div><div>Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92</div></div>				
				
<div><div>Item No.: 216-123</div><div>Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored</div></div>				



1.2.1.1 Ferrule

 Item No.: 216-204 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black	 Item No.: 216-224 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black	 Item No.: 216-244 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	 Item No.: 216-264 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black
 Item No.: 216-284 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	 Item No.: 216-124 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated	 Item No.: 216-144 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored	 Item No.: 216-104 Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; silver-colored
 Item No.: 216-289 Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	 Item No.: 216-209 Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; red	 Item No.: 216-109 Ferrule; Sleeve for 10 mm² / AWG 8; un-insulated; electro-tin plated	 Item No.: 216-210 Ferrule; Sleeve for 16 mm² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue
 Item No.: 216-110 Ferrule; Sleeve for 16 mm² / AWG 6; un-insulated; electro-tin plated; brown metallic	 Item No.: 216-205 Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated; yellow	 Item No.: 216-206 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue	 Item No.: 216-246 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue
 Item No.: 216-266 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	 Item No.: 216-286 Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	 Item No.: 216-267 Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	 Item No.: 216-287 Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray
 Item No.: 216-208 Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow	 Item No.: 216-288 Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow	 Item No.: 216-108 Ferrule; Sleeve for 6 mm² / AWG 10; un-insulated; electro-tin plated; silver-colored	

1.2.2 Installation

1.2.2.1 Mounting accessories



Item No.: 209-137
Mounting adapter; can be used as end stop; 6.5 mm wide; gray

1.2.3 Jumper

1.2.3.1 Jumper



Item No.: 262-402
Jumper; for conductor entry; 2-way; insulated; gray

1.2.4 Marking

1.2.4.1 Marking strip



Item No.: 210-833
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white

1.2.5 Tool

1.2.5.1 Operating tool



Item No.: 210-658
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured



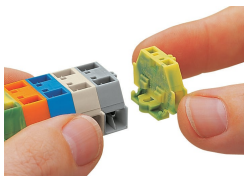
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



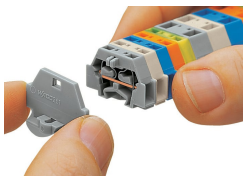
Item No.: 210-657
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

Installation Notes

Installation

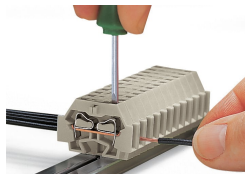


Assembling modular terminal blocks into terminal strips.



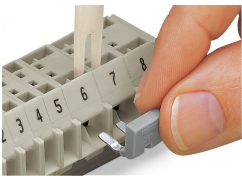
Mounting an end plate.

Conductor termination



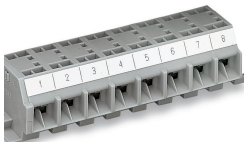
CAGE CLAMP® connection
Inserting a conductor.

Commoning



Commoning with comb-style jumper bar.

Marking



Marking with self-adhesive marking strips.



Marking by direct printing (upon request).