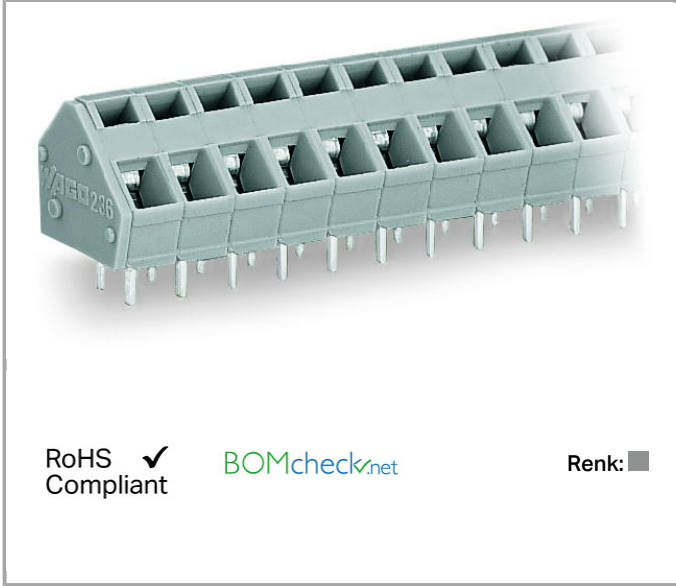


Veri sayfası | Ürün numarası: 236-402

PCB terminal block; 2.5 mm<sup>2</sup>; Pin spacing 5/5.08 mm; 2-pole; CAGE CLAMP®; commoning option



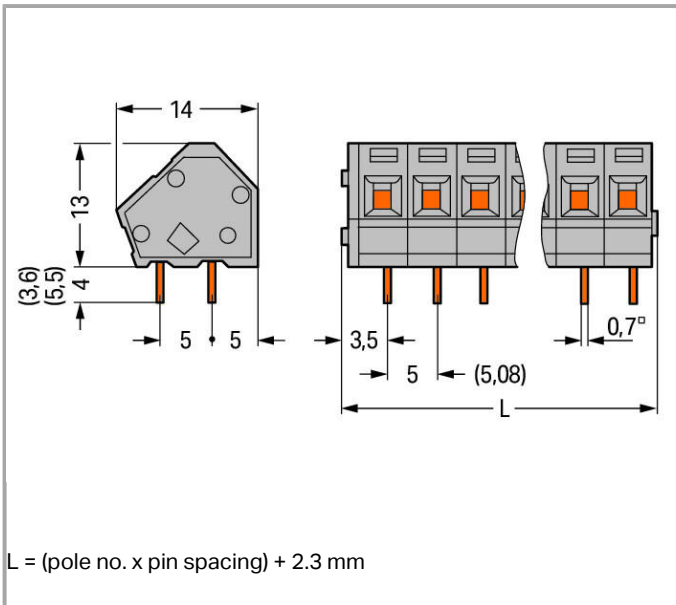
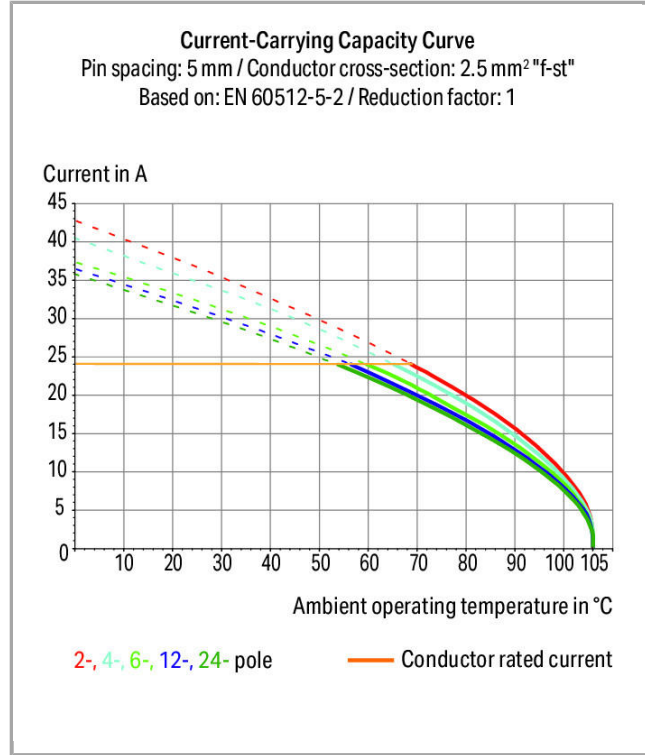
[www.wago.com/236-402](http://www.wago.com/236-402)



RoHS  Compliant

[BOMcheck.net](http://BOMcheck.net)

Renk: ■



## Ürün tanımı

- CAGE CLAMP® bağlantılı sıra klemensler, iletken girişine paralel veya dik tornavida ile işlem

—



- Ex e onaylı olanları da mevcuttur
- Özel sıra klemens takımları için
- Fabrikada kablaç için el aletleri
- 45° bağılantı açısı çok çeşitli kullanım ve kablaç seçeneklerine olanak tanır
- Sıra klemensleri bastırıp birbirlerine yaklaştırarak veya çekip birbirlerinden uzaklaştırarak metrik veya inç cinsinden pin aralığını ayarlayın

Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>: Direct marking, Mixed-color terminal strips, Other colors, Other pole numbers, Solder pin length: 3.6 mm, Solder pin length: 5.5 mm, Versions for Ex e II and Ex i

## Veri

### Elektrik Verisi

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

Anma gerilimi (III / 3)	250 V
Şok gerilimi (3)	4 kV
Anma gerilimi (III / 2)	320 V
Şok gerilimi (1)	4 kV
Anma gerilimi (II / 2)	630 V
Şok gerilimi(2)	4 kV
Nominal akım	24 A

#### Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A

#### Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	15 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

### Bağılantı verisi

Bağılantı teknolojisi	CAGE CLAMP®
Actuation type	Operating tool
Tek damarlı boylar	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG
İnce bükümlü kablolar	0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG
İnce bükümlü kablolar, yalıtımlı yüksüklü	0,25 ... 1,5 mm <sup>2</sup>
İnce bükümlü kablolar, yalıtımsız yüksüklü	0,25 ... 1,5 mm <sup>2</sup>



Sıyırma uzunluğu	5 ... 6 mm / 0.2 ... 0.24 inch
PCB'ye iletken giriş açısı	45°
Not (iletken kesiti)	12 AWG: THHN, THWN
Kutup sayısı	2
Toplam bağlantı noktası sayısı	2
Toplam potansiyel sayısı	2
Üründeki münferit bağlantı nesnesi sayısı	1
Seviye sayısı	1

### Geometrical Data

Pin aralığı	5/5,08 mm / 0.197/0.2 inch
Width	12,3 mm / 0.484 inch
Height	17 mm / 0.669 inch
Yüzeyden yükseklik	13 mm / 0.512 inch
Depth	14 mm / 0.551 inch
Lehimli pin uzunluğu	4 mm
Lehimli pin boyutları	0,7 x 0,7 mm
Delinen delik toleransı	1,1 <sup>(-...+0,1)</sup> mm

### PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip, in line
Number of solder pins per potential	2

### Material Data

Renk	gri
Malzeme grubu	I
İzolasyon malzemesi	Polyamide 66 (PA 66)
UL 94'e göre tutuşabilirlik değeri	V0
Sıkıştırma yayı malzemesi	Chrome nickel spring steel (CrNi)
Kontakt materyali	Electrolytic copper (Ecu)
Kontakt kaplaması	kalay kaplamalı
Yangın yükü	0.028 MJ
Ağırlık	1.902 g





### Environmental Requirements

Sınır sıcaklık aralığı	-60 ... +105 °C
------------------------	-----------------


**Ticari Veri**

Product Group	4 (Printed Circuit)
Country of origin	CH
GTIN	4044918768719

**Onaylar / Belgeler****Country specific Approvals**

Logo	Onay	İlave Onay Metni	Belge adı
	CCA DEKRA Certification B.V.	EN 60998	NTR NL- 7195
	CCA DEKRA Certification B.V.	EN 60947	2168090.01
	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7109
	CSA DEKRA Certification B.V.	C22.2 No. 158	1673957



**UL-Approvals**

Logo	Onay	İlave Onay Metni	Belge adı
	UR Underwriters Laboratories Inc.	UL 1059	E45172, sec. 6






**Uyumlu ürünler****check**




















Ürün no.: 231-127 Testing plug module with contact stud; for 236 Series; Pin spacing 5 mm / 0.197 in	<a href="http://www.wago.com/231-127">www.wago.com/231-127</a>
Ürün no.: 231-128 Testing plug module with contact stud; Pin spacing 5.08 mm / 0.2 in	<a href="http://www.wago.com/231-128">www.wago.com/231-128</a>












## Marking accessories

	<b>Ürün no.: 210-332/500-202</b> Marking strips; as a DIN A4 sheet; MARKED; 1-16 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive	<a href="http://www.wago.com/210-332/500-202">www.wago.com/210-332/500-202</a>
	<b>Ürün no.: 210-332/500-204</b> Marking strips; as a DIN A4 sheet; MARKED; 17-32 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive	<a href="http://www.wago.com/210-332/500-204">www.wago.com/210-332/500-204</a>
	<b>Ürün no.: 210-332/500-205</b> Marking strips; as a DIN A4 sheet; MARKED; 1-32 (80x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive	<a href="http://www.wago.com/210-332/500-205">www.wago.com/210-332/500-205</a>
	<b>Ürün no.: 210-332/500-206</b> Marking strips; as a DIN A4 sheet; MARKED; 33-48 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive	<a href="http://www.wago.com/210-332/500-206">www.wago.com/210-332/500-206</a>
	<b>Ürün no.: 210-332/508-202</b> Marking strips; as a DIN A4 sheet; MARKED; 1-16 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive	<a href="http://www.wago.com/210-332/508-202">www.wago.com/210-332/508-202</a>
	<b>Ürün no.: 210-332/508-204</b> Marking strips; as a DIN A4 sheet; MARKED; 17-32 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive	<a href="http://www.wago.com/210-332/508-204">www.wago.com/210-332/508-204</a>
	<b>Ürün no.: 210-332/508-205</b> Marking strips; as a DIN A4 sheet; MARKED; 1-32 (80x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive	<a href="http://www.wago.com/210-332/508-205">www.wago.com/210-332/508-205</a>
	<b>Ürün no.: 210-332/508-206</b> Marking strips; as a DIN A4 sheet; MARKED; 33-48 (160x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive	<a href="http://www.wago.com/210-332/508-206">www.wago.com/210-332/508-206</a>

## ferrule

	<b>Ürün no.: 216-101</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-101">www.wago.com/216-101</a>
	<b>Ürün no.: 216-102</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-102">www.wago.com/216-102</a>
	<b>Ürün no.: 216-103</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-103">www.wago.com/216-103</a>
	<b>Ürün no.: 216-104</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-104">www.wago.com/216-104</a>
	<b>Ürün no.: 216-121</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-121">www.wago.com/216-121</a>
	<b>Ürün no.: 216-122</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-122">www.wago.com/216-122</a>
	<b>Ürün no.: 216-123</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-123">www.wago.com/216-123</a>
	<b>Ürün no.: 216-124</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-124">www.wago.com/216-124</a>

	<b>Ürün no.: 216-131</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-131">www.wago.com/216-131</a>
	<b>Ürün no.: 216-132</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-132">www.wago.com/216-132</a>
	<b>Ürün no.: 216-141</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	<a href="http://www.wago.com/216-141">www.wago.com/216-141</a>
	<b>Ürün no.: 216-142</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	<a href="http://www.wago.com/216-142">www.wago.com/216-142</a>
	<b>Ürün no.: 216-143</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	<a href="http://www.wago.com/216-143">www.wago.com/216-143</a>
	<b>Ürün no.: 216-144</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	<a href="http://www.wago.com/216-144">www.wago.com/216-144</a>
	<b>Ürün no.: 216-151</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-151">www.wago.com/216-151</a>
	<b>Ürün no.: 216-152</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-152">www.wago.com/216-152</a>
	<b>Ürün 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>Ürün no.: 216-202</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated	<a href="http://www.wago.com/216-202">www.wago.com/216-202</a>
	<b>Ürün 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>Ürün 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>Ürün no.: 216-221</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated	<a href="http://www.wago.com/216-221">www.wago.com/216-221</a>
	<b>Ürün no.: 216-222</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated	<a href="http://www.wago.com/216-222">www.wago.com/216-222</a>
	<b>Ürün no.: 216-223</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated	<a href="http://www.wago.com/216-223">www.wago.com/216-223</a>
	<b>Ürün no.: 216-224</b> Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated	<a href="http://www.wago.com/216-224">www.wago.com/216-224</a>
	<b>Ürün no.: 216-241</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; 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>Ürün no.: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; 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>Ürün 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>Ürün 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>Ürün no.: 216-262</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-262">www.wago.com/216-262</a>
	<b>Ürün no.: 216-263</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/216-263">www.wago.com/216-263</a>
	<b>Ürün no.: 216-264</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/216-264">www.wago.com/216-264</a>
	<b>Ürün no.: 216-284</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/216-284">www.wago.com/216-284</a>
	<b>Ürün 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>Ürün no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated	<a href="http://www.wago.com/216-302">www.wago.com/216-302</a>
	<b>Ürün no.: 216-321</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated	<a href="http://www.wago.com/216-321">www.wago.com/216-321</a>
	<b>Ürün no.: 216-322</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated	<a href="http://www.wago.com/216-322">www.wago.com/216-322</a>
<b>tools</b>		
	<b>Ürün 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>Ürün 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>Ürün 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>
	<b>Ürün no.: 236-332</b> Operating tool; plastic	<a href="http://www.wago.com/236-332">www.wago.com/236-332</a>
	<b>Ürün no.: 236-335</b> Operating tool; metal	<a href="http://www.wago.com/236-335">www.wago.com/236-335</a>

## Dosya İndirme

### CAD/CAE - Smart Data

#### CAD data

3D Download 236-402	URL	İndir
---------------------	-----	-------

#### PCB libraries

TARGET Library for WAGO PCB Terminal Blocks	1.1.0	zip	İndir
Compatible with TARGET PCB Design Software Version 17.x	06.Eki.2014	27,1 MB	



EAGLE Library for WAGO PCB Terminal Blocks Compatible with EAGLE PCB Design Software Version 6.x or higher	2.1 21.Eyl.2017	zip 23,9 MB	İndir
DesignSpark Library for WAGO PCB Terminal Blocks Compatible with DesignSpark PCB Version 4.x or higher	2.1 06.Eki.2014	zip 22,5 MB	İndir

Değişikliklere tabidir.

WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Ürünlerimizle ilgili sorularınız mı var?  
{0} numaralı telefondan sizinle konuşmaktan mutluluk duyarız.