

Data Sheet | Item Number: 869-347

2-conductor end terminal block; without push-buttons; without snap-in mounting foot; 1-pole; 2.5 mm²; CAGE CLAMP®; green-yellow

<https://www.wago.com/869-347>



Color: ■ green-yellow

Ground terminal block, 869 Series, green-yellow

Our ground terminal block (item number 869-347) makes connecting wires quick and easy. Ensure that the strip lengths are between 6 and 7 mm when connecting conductors to this ground terminal block. Our ground terminal blocks allow you to connect electrical conductors directly to the mounting rail thanks to an integrated contact foot. This connection ensures both electrical and mechanical stability between the conductors and the mounting adapter. This product features conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection provides a safe and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. Dimensions: (5 x 27.6 x 33.4) mm (width x height x depth). This ground terminal block is suitable for conductor cross sections ranging from 0.08 mm² to 2.5 mm².

An operating tool is used to operate this mini rail-mount terminal block.

Notes

Safety Information

Max. insulation diameter: 4.4 mm

Electrical data

General information

Wiring direction

Front-entry wiring

Connection data

Clamping units

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

0.08 ... 2.5 mm² / 28 ... 12 AWG

Fine-stranded conductor

0.08 ... 4 mm² / 28 ... 12 AWG

Fine-stranded conductor; with insulated ferrule

0.08 ... 1.5 mm² / 28 ... 14 AWG

Strip length

6 ... 7 mm / 0.24 ... 0.28 inches

Wiring direction

Front-entry wiring

Physical data

Width	5 mm / 0.197 inches
Height	27.6 mm / 1.087 inches
Depth	33.4 mm / 1.315 inches

Mechanical data

Design	horizontal type
Marking level	Side marking

Material data

Note (material data)	Information on material specifications can be found here
Color	green-yellow
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.07 MJ
Halogen-free	Yes
Weight	4 g

Commercial data

PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918480383
Customs tariff number	85369010000

Product Classification

UNSPSC	39121410
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	2143311.02
CCA DEKRA Certification B.V.	EN 60947	NTR NL 6827/A1
UL UL International Germany GmbH	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	24-0152298-PDA
PRS Polski Rejestr Statków	-	TE/1094/880590/23

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 869-347

Documentation

Bid Text			
869-347	19.02.2019	xml 3.18 KB	
869-347	13.06.2017	doc 24.50 KB	

CAD/CAE-Data

CAD data
2D/3D Models 869-347

CAE data
EPLAN Data Portal 869-347
WSCAD Universe 869-347
ZUKEN Portal 869-347

1 Compatible Products

1.1 System counterpart

1.1.1 Ground terminal block



Item No.: 869-317
 2-conductor center terminal block; without push-buttons; with snap-in mounting foot; 1-pole; 2.5 mm²; CAGE CLAMP®; green-yellow

1.2 Required Accessories

1.2.1 End plate

1.2.1.1 End plate



[Item No.: 869-378](#)

End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick; blue



[Item No.: 869-375](#)

End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick; gray



[Item No.: 869-379](#)

End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick; green-yellow



[Item No.: 869-377](#)

End plate; for terminal blocks with snap-in mounting foot; 2.5 mm thick; light gray

1.3 Optional Accessories

1.3.1 Ferrule

1.3.1.1 Ferrule



[Item No.: 216-321](#)

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



[Item No.: 216-131](#)

Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored



[Item No.: 216-322](#)

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



[Item No.: 216-132](#)

Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated



[Item No.: 216-221](#)

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



[Item No.: 216-121](#)

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored



[Item No.: 216-222](#)

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



[Item No.: 216-122](#)

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored



[Item No.: 216-223](#)

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



[Item No.: 216-123](#)

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored



[Item No.: 216-224](#)

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



[Item No.: 216-124](#)

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

1.3.2 Insulation stop

1.3.2.1 Insulation stop



[Item No.: 280-470](#)

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white



[Item No.: 280-471](#)

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray



[Item No.: 280-472](#)

Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; black

1.3.3 Jumper

1.3.3.1 Jumper



[Item No.: 870-405/011-000](#)



[Item No.: 870-407/011-000](#)



[Item No.: 870-409/011-000](#)



[Item No.: 870-406/020-000](#)

Delta jumper; insulated; light gray



[Item No.: 870-410](#)

Jumper; 10-way; insulated; light gray



[Item No.: 870-402](#)

Jumper; 2-way; insulated; light gray



[Item No.: 870-403](#)

Jumper; 3-way; insulated; light gray



[Item No.: 870-404](#)

Jumper; 4-way; insulated; light gray



[Item No.: 870-405](#)

Jumper; 5-way; insulated; light gray



[Item No.: 870-406](#)

Jumper; 6-way; insulated; light gray



[Item No.: 870-407](#)

Jumper; 7-way; insulated; light gray



[Item No.: 870-408](#)

Jumper; 8-way; insulated; light gray

1.3.3.1 Jumper



Item No.: 870-409
 Jumper; 9-way; insulated; light gray

Item No.: 870-440
 Jumper; from 1 to 10; insulated; light gray

Item No.: 870-433
 Jumper; from 1 to 3; insulated; light gray

Item No.: 870-434
 Jumper; from 1 to 4; insulated; light gray



Item No.: 870-435
 Jumper; from 1 to 5; insulated; light gray

1.3.4 Marking

1.3.4.1 Group marker carrier



Item No.: 870-182
 Adaptor; gray

Item No.: 870-183
 Adaptor; gray

Item No.: 870-184
 Adaptor; gray

1.3.4.2 Marker

<p>Item No.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue</p>	<p>Item No.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray</p>	<p>Item No.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green</p>	<p>Item No.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange</p>
<p>Item No.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red</p>	<p>Item No.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet</p>	<p>Item No.: 2009-145 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>	<p>Item No.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow</p>
<p>Item No.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue</p>	<p>Item No.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray</p>	<p>Item No.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green</p>	<p>Item No.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green</p>
<p>Item No.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange</p>	<p>Item No.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red</p>	<p>Item No.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet</p>	<p>Item No.: 248-501 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white</p>
<p>Item No.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow</p>	<p>Item No.: 793-5501/000-006 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue</p>	<p>Item No.: 793-5501/000-007 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray</p>	<p>Item No.: 793-5501/000-023 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green</p>
<p>Item No.: 793-5501/000-017 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green</p>	<p>Item No.: 793-5501/000-012 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange</p>	<p>Item No.: 793-5501/000-005 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red</p>	<p>Item No.: 793-5501/000-024 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet</p>
<p>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; white</p>	<p>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; yellow</p>	<p>Item No.: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type; blue</p>	<p>Item No.: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type; gray</p>
<p>Item No.: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type; green</p>	<p>Item No.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type; light green</p>	<p>Item No.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type; orange</p>	<p>Item No.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type; red</p>

1.3.4.2 Marker



Item No.: 793-501/000-024
WMB marking card; as card; not stretchable; plain; snap-on type; violet

Item No.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white

Item No.: 793-501/000-002
WMB marking card; as card; not stretchable; plain; snap-on type; yellow

Item No.: 2009-115/000-006
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 2009-115/000-007
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 2009-115/000-023
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 2009-115/000-017
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green

Item No.: 2009-115/000-012
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 2009-115/000-024
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 2009-115/000-002
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.3.4.3 Marking strip



Item No.: 709-196
Marking strips; for laser printer; translucent

Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.3.5 Protective warning marker

1.3.5.1 Cover



Item No.: 280-405
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.3.6 Test and measurement

1.3.6.1 Testing accessories



Item No.: 870-427
Spacer module; modular; bridging commoned terminal blocks; gray

Item No.: 870-426
Tap-off module; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar; gray

Item No.: 870-425
Tap-off module; with anti-rotation protection; modular; suitable for 870 Series terminal blocks with jumper slots in the current bar; gray

1.3.7 Tool

1.3.7.1 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

Commoning



Push down a push-in type jumper bar evenly until fully inserted.
Push down alternately in multiple cycles for higher-pole variants.
Do not place the operating tool in the test slots of the jumper.

Cover



Protective warning markers (280-405), with a black high-voltage symbol

Marking



WMB markers in Mini-WSB marker slots
Translucent marking strip
Mini-WSB markers