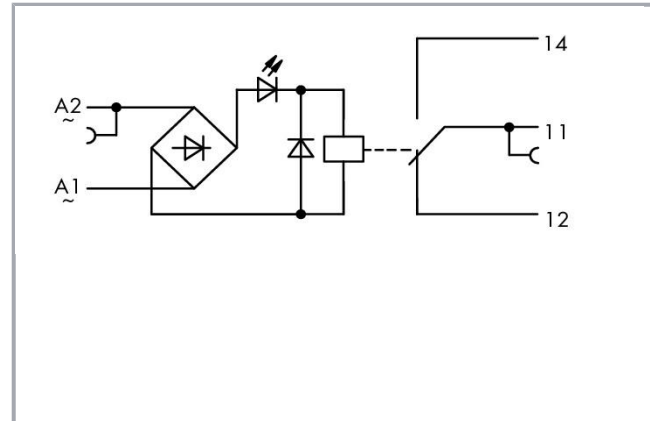
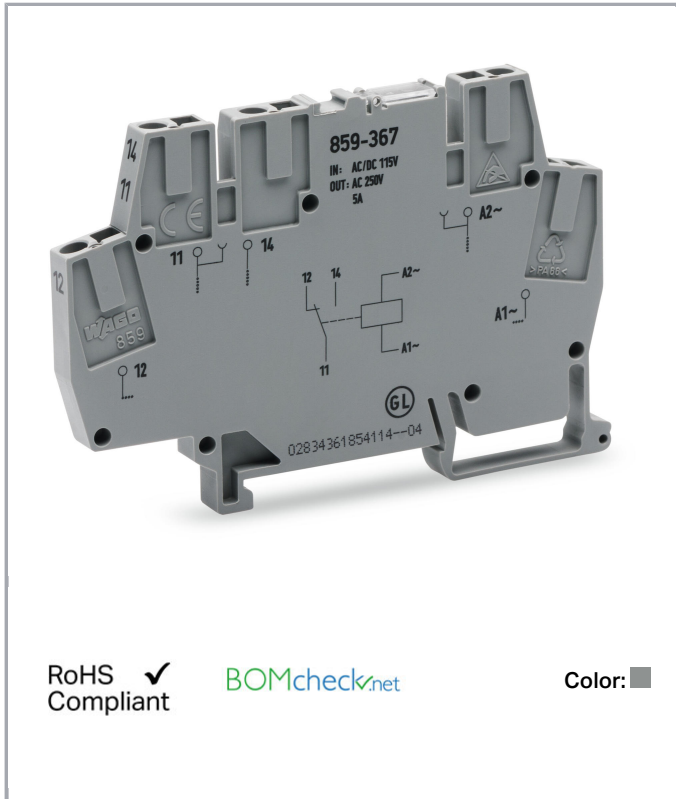


Data sheet | Item number: 859-367

Relay module; Nominal input voltage: 115 VAC; 1 changeover contact; with defined switch-on threshold; Red status indicator; Module width: 6 mm; 2,50 mm²; gray



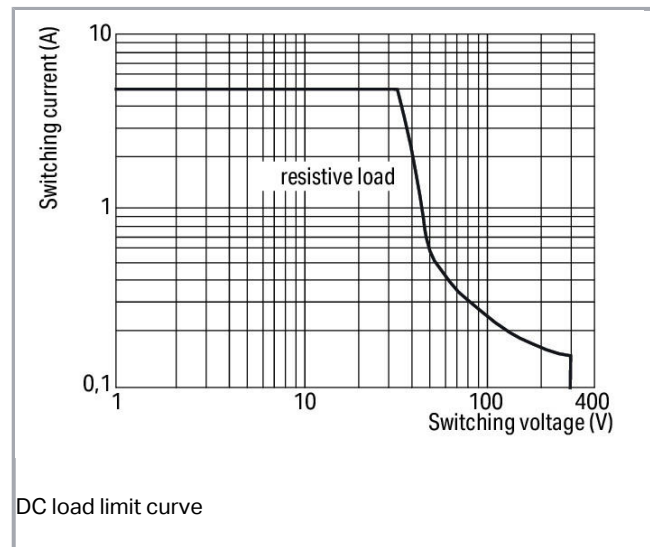
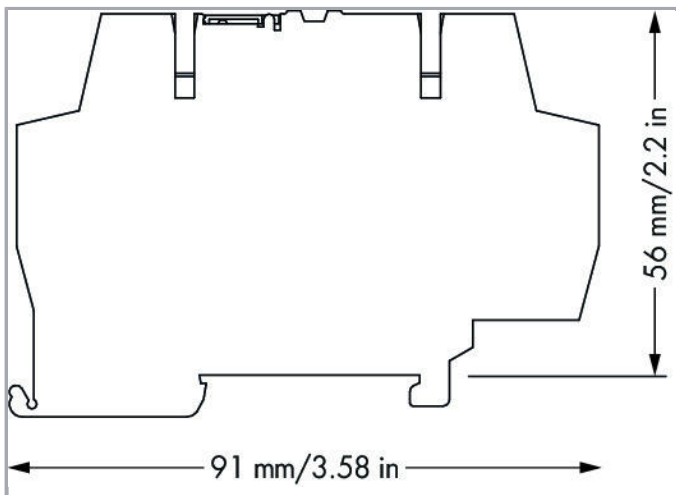
www.wago.com/859-367



RoHS
Compliant ✓

BOMcheck.net

Color: ■



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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

Note:

Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts.

Data

Technical Data

Control circuit

Nominal input voltage U_N	AC 115 V
Input voltage range	$\pm 10\%$
Nominal input current at U_N	4.2 mA
Turn-on threshold relay/LED	AC 95 V / AC 80 V
Turn-off threshold relay/LED	AC 60 V / AC 60 V

Load circuit:

Number of changeover/switchover contacts	1
Contact material (relay)	AgSnO ₂
Limiting continuous current	5 A
Max. make current (resistive)	(AC) 20 A / 0.02 s
Max. switching voltage	AC 250 V
Max. switching power (resistive)	AC 1250 VA; DC see load limit curve
Recommended minimum load	10 V / 10 mA; 24 V / 1 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	25 ms
Bounce time (typ.)	3.5 ms
Electrical life (N.O.; resistive load; 23 °C)	50×10^3 switching operations
Mechanical life	5×10^6 switching operations
Max. switching load with load/without load	6 min^{-1} / 180 min^{-1}

Signaling

Status indication	LED red
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Subject to changes. Please also observe the further product documentation!

Safety and protection:

Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	4 kVrms
Dielectric strength open contact (AC, 1 min)	1 kVrms

Connection data

Connection technology	CAGE CLAMP®
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inch

Geometrical Data

Width	6 mm / 0.236 inch
Height from upper-edge of DIN-35 rail	56 mm / 2.205 inch
Depth	91 mm / 3.583 inch

Mechanical data

Type of mounting	DIN-35 rail
------------------	-------------

Material Data

Color	gray
Fire load	0.313 MJ
Weight	22.7 g

Environmental Requirements

Surrounding air (operating) temperature at U _N	-40 ... 50 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Processing temperature	-25 ... +50 °C

Standards and specifications

Standards/specifications	EN 61010-2-201; EN 61810-1; EN 61373; GL; UL 508
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Subject to changes. Please also observe the further product documentation!

Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4055143601054
Customs Tariff No.	85364900990

Approvals / Certificates

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAA00001D1
	NK Nippon Kaiji Kyokai	-	TA17255M
	PRS Polski Rejestr Statków	-	TE/2186 /880590/18


Counterpart

Compatible products













End plate

	Item no.: 859-525 End and intermediate plate; 1 mm thick; gray	www.wago.com/859-525
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ferrule

	Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-221
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Subject to changes. Please also observe the further product documentation!

	Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-222
	Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-223
	Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-224
	Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	www.wago.com/216-321
	Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	www.wago.com/216-322
tools		
	Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft	www.wago.com/210-720
Jumper		
	Item no.: 859-402 Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; light gray	www.wago.com/859-402
	Item no.: 859-402/000-005 Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; red	www.wago.com/859-402/000-005
	Item no.: 859-402/000-006 Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; blue	www.wago.com/859-402/000-006
	Item no.: 859-402/000-029 Push-in type jumper bar; 2-way; Nominal current 18 A; insulated; yellow	www.wago.com/859-402/000-029
	Item no.: 859-403 Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; light gray	www.wago.com/859-403
	Item no.: 859-403/000-005 Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; red	www.wago.com/859-403/000-005
	Item no.: 859-403/000-006 Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; blue	www.wago.com/859-403/000-006
	Item no.: 859-403/000-029 Push-in type jumper bar; 3-way; Nominal current 18 A; insulated; yellow	www.wago.com/859-403/000-029
	Item no.: 859-404 Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; light gray	www.wago.com/859-404

Subject to changes. Please also observe the further product documentation!

Item no.: 859-404/000-005
Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; red

www.wago.com/859-404/000-005



Item no.: 859-404/000-006
Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; blue

www.wago.com/859-404/000-006

Item no.: 859-404/000-029
Push-in type jumper bar; 4-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-404/000-029



Item no.: 859-405
Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; light gray

www.wago.com/859-405



Item no.: 859-405/000-005
Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; red

www.wago.com/859-405/000-005



Item no.: 859-405/000-006
Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; blue

www.wago.com/859-405/000-006



Item no.: 859-405/000-029
Push-in type jumper bar; 5-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-405/000-029



Item no.: 859-406
Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; light gray

www.wago.com/859-406



Item no.: 859-406/000-005
Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; red

www.wago.com/859-406/000-005



Item no.: 859-406/000-006
Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; blue

www.wago.com/859-406/000-006



Item no.: 859-406/000-029
Push-in type jumper bar; 6-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-406/000-029



Item no.: 859-407
Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; light gray

www.wago.com/859-407



Item no.: 859-407/000-005
Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; red

www.wago.com/859-407/000-005

Item no.: 859-407/000-006
Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; blue

www.wago.com/859-407/000-006

Subject to changes. Please also observe the further product documentation!

Item no.: 859-407/000-029

Push-in type jumper bar; 7-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-407/000-029



Item no.: 859-408

Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; light gray

www.wago.com/859-408



Item no.: 859-408/000-005

Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; red

www.wago.com/859-408/000-005



Item no.: 859-408/000-006

Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; blue

www.wago.com/859-408/000-006



Item no.: 859-408/000-029

Push-in type jumper bar; 8-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-408/000-029

Item no.: 859-409

Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; light gray

www.wago.com/859-409

Item no.: 859-409/000-005

Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; red

www.wago.com/859-409/000-005



Item no.: 859-409/000-006

Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; blue

www.wago.com/859-409/000-006



Item no.: 859-409/000-029

Push-in type jumper bar; 9-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-409/000-029



Item no.: 859-410

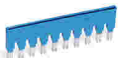
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www.wago.com/859-410

Item no.: 859-410/000-005

Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; red

www.wago.com/859-410/000-005



Item no.: 859-410/000-006

Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; blue

www.wago.com/859-410/000-006



Item no.: 859-410/000-029

Push-in type jumper bar; 10-way; Nominal current 18 A; insulated; yellow

www.wago.com/859-410/000-029

Test Accessories

Item no.: 859-500

Test pin; 1 mm Ø; with solder connection for test wire

www.wago.com/859-500

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?

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Marking accessories

	Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-145
	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; white	www.wago.com/2009-145/000-002
	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	www.wago.com/2009-145/000-005
	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	www.wago.com/2009-145/000-006
	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; white	www.wago.com/2009-145/000-007
	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	www.wago.com/2009-145/000-012
	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	www.wago.com/2009-145/000-023
	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	www.wago.com/2009-145/000-024
	Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
	Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	www.wago.com/248-501
	Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/248-501/000-002
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/248-501/000-005
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/248-501/000-006
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/248-501/000-007

Subject to changes. Please also observe the further product documentation!

	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/248-501/000-012
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/248-501/000-017
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/248-501/000-023
	Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet	www.wago.com/248-501/000-024
	Item no.: 248-502 Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-502
	Item no.: 248-502/000-024 Mini-WSB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; violet	www.wago.com/248-502/000-024
	Item no.: 248-503 Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-503
	Item no.: 248-503/000-024 Mini-WSB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; violet	www.wago.com/248-503/000-024
	Item no.: 248-504 Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-504
	Item no.: 248-504/000-024 Mini-WSB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; violet	www.wago.com/248-504/000-024
	Item no.: 248-505/000-024 Mini-WSB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; violet	www.wago.com/248-505/000-024
	Item no.: 248-506 Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-506

Downloads

Documentation

Instruction Leaflet

Relay modules, Optocoupler modules

Subject to changes. Please also observe the further product documentation!

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Additional Information

Disposal; Electrical and electronic equipment, Packaging

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CAD/CAE-Data

CAD data

2D/3D Models 859-367

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CAE data

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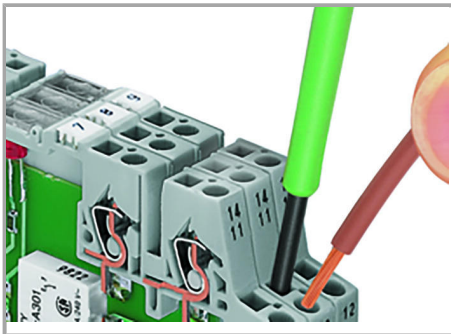
WSCAD Universe 859-367

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Installation Notes

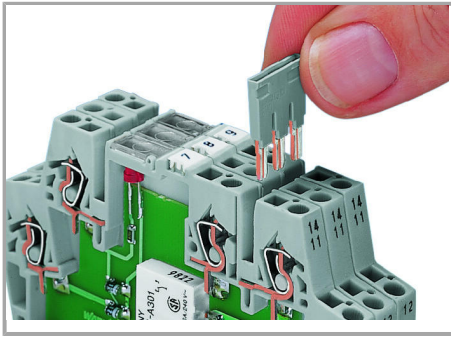
Inserting a conductor



Connection of conductor

Jumpered

Subject to changes. Please also observe the further product documentation!



Easy commoning using adjacent jumpers

Marking



Marking using miniature WSB quick marking card

Subject to changes. Please also observe the further product documentation!