

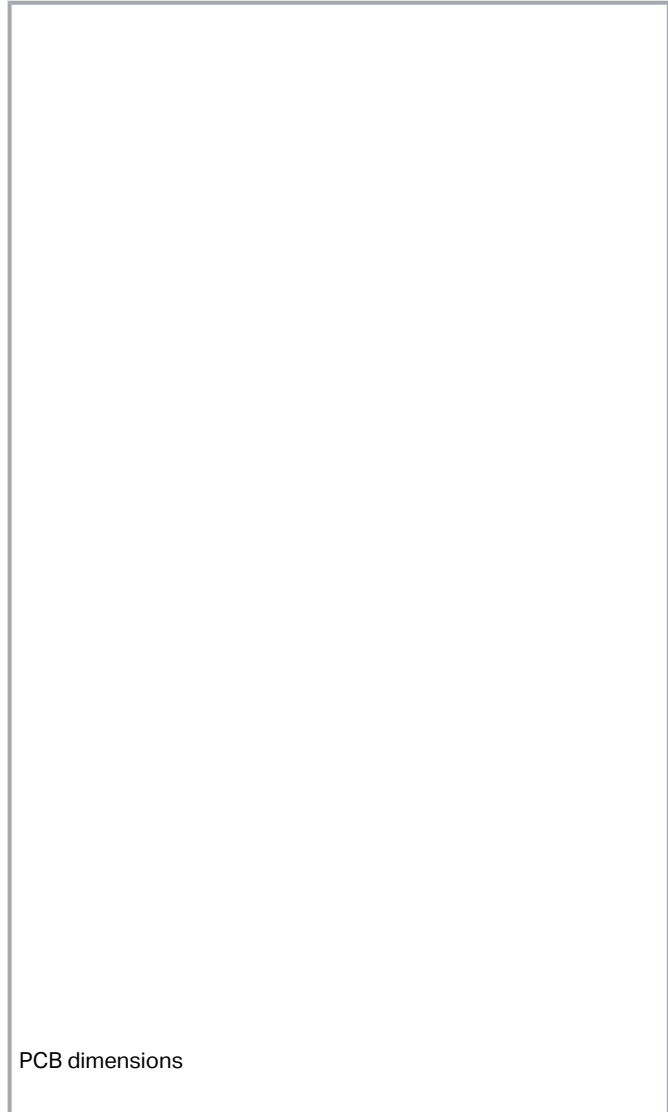
Data sheet | Item number: 859-110

Universal modular component plug housing as rail-mounted terminal block;
2,50 mm²; gray

www.wago.com/859-110



Color:

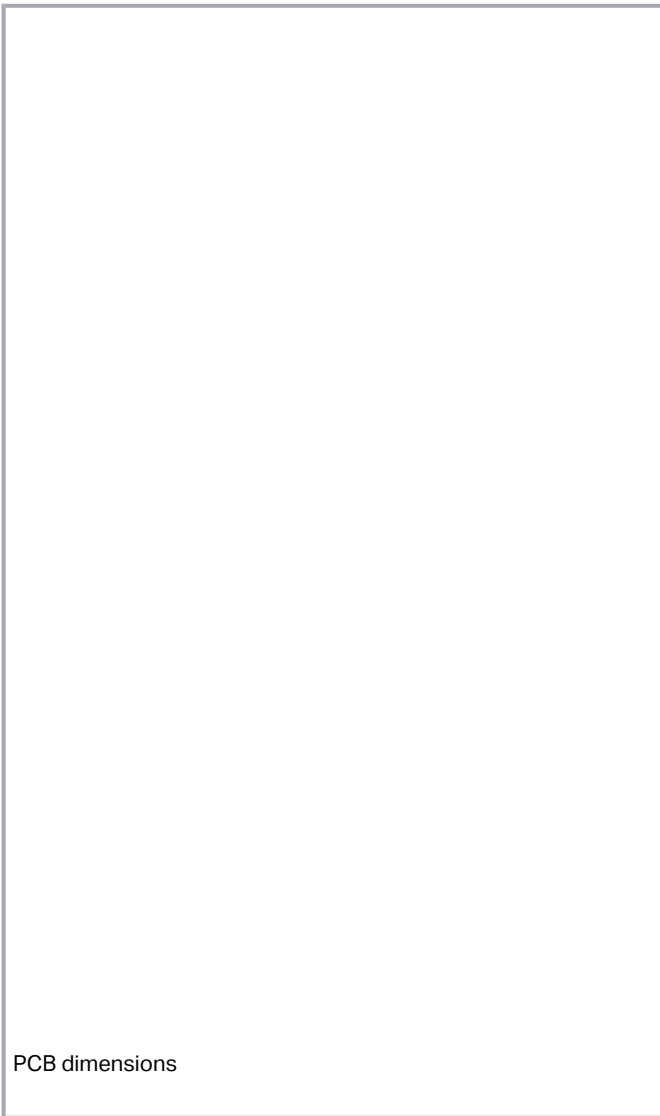


PCB dimensions

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

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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

Universal modular component plug housing as rail-mount terminal block

Data

Electrical data

Operating voltage	≤ AC/DC 250 V
Nominal current (connection)	6 A
Nominal current (jumper)	17 A

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Safety and protection

Rated voltage	250 V
Rated surge voltage	4 kV
Pollution degree	3
Protection type	IP00; IP20 with end and intermediate plate

Connection data

Connections (number)	5
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 inches

Physical data

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

Mechanical Data

Housing design	Rail-mount terminal block
Mounting type	DIN-35 rail
Mounting position	any

Material Data

Color	gray
Flammability class per UL94	V0
Housing material	PA 6.6
Fire load	0.338 MJ
Weight	14.4 g

Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +85 °C
Limit temperature (plastic)	105 °C

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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-18-27-02
eCl@ss 9.0	27-18-27-02
ETIM 8.0	EC001031
ETIM 7.0	EC001031
PU (SPU)	25 pcs
Packaging type	box
Country of origin	CN
GTIN	4050821809654
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Testing and measuring

Testing accessories	
Item no.: 859-500 WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 10 mm uninsulated; Test lead for soldering up to 0,5mm ²	www.wago.com/859-500

Marking accessories

Marking device	
Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
Marker	
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.: 248-501 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/248-501
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.: 248-506 Mini-WSB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white	www.wago.com/248-506
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

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

**Item no.: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white

www.wago.com/793-501**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

www.wago.com/793-5501**Jumpers**

Jumper

Item no.: 859-404/000-005

Jumper; for jumper slot; 4-way; insulated; red

www.wago.com/859-404/000-005**Item no.: 859-404/000-006**

Jumper; for jumper slot; 4-way; insulated; blue

www.wago.com/859-404/000-006**Item no.: 859-405/000-005**

Jumper; for jumper slot; 5-way; insulated; red

www.wago.com/859-405/000-005**Item no.: 859-405/000-029**

Jumper; for jumper slot; 5-way; insulated; yellow

www.wago.com/859-405/000-029**Item no.: 859-405**

Jumper; for jumper slot; 5-way; insulated; light gray

www.wago.com/859-405**Item no.: 859-404/000-029**

Jumper; for jumper slot; 4-way; insulated; yellow

www.wago.com/859-404/000-029**Item no.: 859-405/000-006**

Jumper; for jumper slot; 5-way; insulated; blue

www.wago.com/859-405/000-006**Item no.: 859-406/000-005**

Jumper; for jumper slot; 6-way; insulated; red

www.wago.com/859-406/000-005**Item no.: 859-409/000-029**

Jumper; for jumper slot; 9-way; insulated; yellow

www.wago.com/859-409/000-029**Item no.: 859-410/000-005**

Jumper; for jumper slot; 10-way; insulated; red

www.wago.com/859-410/000-005**Item no.: 859-410/000-029**

Jumper; for jumper slot; 10-way; insulated; yellow

www.wago.com/859-410/000-029**Item no.: 859-410**

Jumper; for jumper slot; 10-way; insulated; light gray

www.wago.com/859-410

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

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Item no.: 859-410/000-006 Jumper; for jumper slot; 10-way; insulated; blue	www.wago.com/859-410/000-006
Item no.: 859-403/000-005 Jumper; for jumper slot; 3-way; insulated; red	www.wago.com/859-403/000-005
Item no.: 859-402/000-029 Jumper; for jumper slot; 2-way; insulated; yellow	www.wago.com/859-402/000-029
Item no.: 859-403/000-029 Jumper; for jumper slot; 3-way; insulated; yellow	www.wago.com/859-403/000-029
Item no.: 859-403/000-006 Jumper; for jumper slot; 3-way; insulated; blue	www.wago.com/859-403/000-006
Item no.: 859-408/000-005 Jumper; for jumper slot; 8-way; insulated; red	www.wago.com/859-408/000-005
Item no.: 859-408/000-029 Jumper; for jumper slot; 8-way; insulated; yellow	www.wago.com/859-408/000-029
Item no.: 859-409 Jumper; for jumper slot; 9-way; insulated; light gray	www.wago.com/859-409
Item no.: 859-408/000-006 Jumper; for jumper slot; 8-way; insulated; blue	www.wago.com/859-408/000-006
Item no.: 859-403 Jumper; for jumper slot; 3-way; insulated; light gray	www.wago.com/859-403
Item no.: 859-409/000-005 Jumper; for jumper slot; 9-way; insulated; red	www.wago.com/859-409/000-005
Item no.: 859-404 Jumper; for jumper slot; 4-way; insulated; light gray	www.wago.com/859-404
Item no.: 859-409/000-006 Jumper; for jumper slot; 9-way; insulated; blue	www.wago.com/859-409/000-006
Item no.: 859-402/000-006 Jumper; for jumper slot; 2-way; insulated; blue	www.wago.com/859-402/000-006

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



Item no.: 859-402 Jumper; for jumper slot; 2-way; insulated; light gray	www.wago.com/859-402
Item no.: 859-402/000-005 Jumper; for jumper slot; 2-way; insulated; red	www.wago.com/859-402/000-005
Item no.: 859-406/000-006 Jumper; for jumper slot; 6-way; insulated; blue	www.wago.com/859-406/000-006
Item no.: 859-406/000-029 Jumper; for jumper slot; 6-way; insulated; signal yellow	www.wago.com/859-406/000-029
Item no.: 859-407/000-006 Jumper; for jumper slot; 7-way; insulated; blue	www.wago.com/859-407/000-006
Item no.: 859-407/000-005 Jumper; for jumper slot; 7-way; insulated; red	www.wago.com/859-407/000-005
Item no.: 859-407/000-029 Jumper; for jumper slot; 7-way; insulated; yellow	www.wago.com/859-407/000-029
Item no.: 859-407 Jumper; for jumper slot; 7-way; insulated; light gray	www.wago.com/859-407
Tool	
Operating tool	
Item no.: 210-720 Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-720
End plate	
Intermediate plate	
Item no.: 859-525 End and intermediate plate; 1 mm thick; gray	www.wago.com/859-525
Ferrule	
Ferrule	
Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	www.wago.com/216-223
Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray	www.wago.com/216-222
Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white	www.wago.com/216-221
Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black	www.wago.com/216-224

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



Item no.: 216-321

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

www.wago.com/216-321

Item no.: 216-322

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

www.wago.com/216-322

Downloads

Documentation

Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 年8月18日	2.2 MB	

CAD/CAE-Data

CAD data

2D/3D Models 859-110	URL	Download
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CAE data

EPLAN Data Portal 859-110	URL	Download
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WSCAD Universe 859-110	URL	Download
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ZUKEN Portal 859-110	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 859-110	URL	Download
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Universal modular component plug housing as rail-mounted terminal block; 2,50 mm²; gray

Installation Notes

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