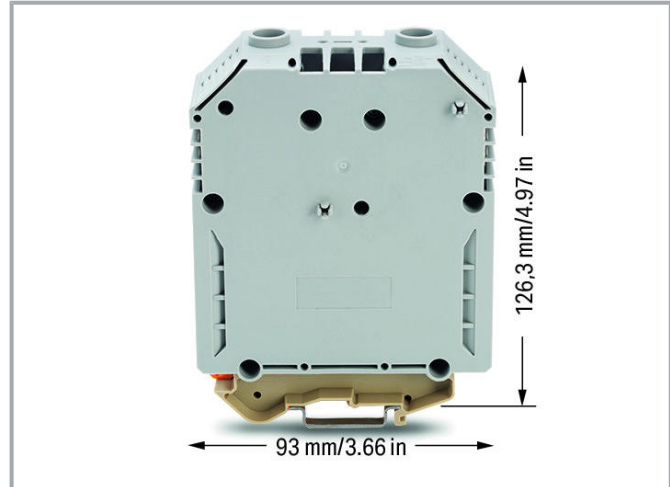


Data sheet | Item number: 883-2401

2-conductor through terminal block; 240 mm²; with screw-type connection;
240,00 mm²; gray

www.wago.com/883-2401



Data

Electrical data

IEC Approvals

Ratings per	IEC/EN 60947-7-1
Rated voltage (III / 3)	1000 V
Rated surge voltage (III/3)	8 kV
Rated current	380 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

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

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UL Approvals

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	370 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	370 A

CSA Approvals

Approvals per	C22.2 No 158
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	370 A

Connection data

Connection technology	Screw-type connection
Actuation type	T-wrench
Connectable conductor materials	Copper
Nominal cross-section	240 mm ²
Solid conductor	70 ... 240 mm ² / 2/0 AWG ... 500 kcmil
Stranded conductor	70 ... 240 mm ² / 2/0 AWG ... 500 kcmil
Fine-stranded conductor	70 ... 240 mm ² / 2/0 AWG ... 500 kcmil
Fine-stranded conductor; with insulated ferrule	70 ... 185 mm ² / 2/0 AWG ... 350 kcmil
Strip length	38 mm / 1.5 inch
Total number of connection points	2
Total number of potentials	1
Number of levels	1
Wiring direction	Side-entry wiring
Screw thread	M10

Physical data

Width	36 mm / 1.417 inch
Height	93 mm / 3.661 inch
Depth from upper edge of DIN-rail	126.3 mm / 4.972 inch

Mechanical data

Tightening torque	10 ... 20 Nm
Design	horizontal type

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Mounting type	DIN-35/32 rail
Marking level	Side marking

Material data










Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V2
Weight	352.4 g

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143940641
Customs tariff number	8536904000

Optional accessories


Carrier rail

	Item no.: 210-112 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; www.wago.com/210-112 silver-colored	
	Item no.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-113
	Item no.: 210-114 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	www.wago.com/210-114
	Item no.: 210-115 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; www.wago.com/210-115 silver-colored	
	Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	www.wago.com/210-118
	Item no.: 210-197 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored	www.wago.com/210-197
	Item no.: 210-198 Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	www.wago.com/210-198
	Item no.: 210-504 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored	www.wago.com/210-504
	Item no.: 210-505 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored	www.wago.com/210-505

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	Item no.: 210-506 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored	www.wago.com/210-506
	Item no.: 210-508 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored	www.wago.com/210-508
Protective warning marker		
	Item no.: 883-2486 Protective warning marker; with high-voltage symbol; yellow	www.wago.com/883-2486
Jumpers		
	Item no.: 883-2442 Jumper; 2-way; insulated; yellow	www.wago.com/883-2442
	Item no.: 883-2443 Jumper; 3-way; insulated; yellow	www.wago.com/883-2443
Potential distribution		
	Item no.: 883-1230 Power tap; 10,00 mm ² ; beige	www.wago.com/883-1230
Tools		
	Item no.: 285-172 Allen wrench; with a partially insulated shaft; green	www.wago.com/285-172
	Item no.: 285-173 Allen wrench; with a partially insulated shaft; with anti-rotation protection; green	www.wago.com/285-173
Marking accessories		
	Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-115
	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	www.wago.com/2009-115/000-002
	Item no.: 2009-115/000-005 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	www.wago.com/2009-115/000-005
	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	www.wago.com/2009-115/000-006
	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	www.wago.com/2009-115/000-007
	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	www.wago.com/2009-115/000-012






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	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	www.wago.com/2009-115/000-017
	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	www.wago.com/2009-115/000-023
	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	www.wago.com/2009-115/000-024
	Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/793-501
	Item no.: 793-501/000-002 WMB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/793-501/000-002
	Item no.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/793-501/000-005
	Item no.: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/793-501/000-006
	Item no.: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/793-501/000-007
	Item no.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/793-501/000-012
	Item no.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/793-501/000-017
	Item no.: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/793-501/000-023
	Item no.: 793-501/000-024 WMB marking card; as card; not stretchable; plain; snap-on type; violet	www.wago.com/793-501/000-024
	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
	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	www.wago.com/793-5501/000-002

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	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	www.wago.com/793-5501/000-005
	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	www.wago.com/793-5501/000-006
	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	www.wago.com/793-5501/000-007
	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	www.wago.com/793-5501/000-012
	Item no.: 793-5501/000-014 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown	www.wago.com/793-5501/000-014
	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; green	www.wago.com/793-5501/000-017
	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; light green	www.wago.com/793-5501/000-023
	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	www.wago.com/793-5501/000-024

General accessories

	Item no.: 883-2499 Insertion plate for flat cables; for 883 Series; 240 mm ² ; silver-colored	www.wago.com/883-2499
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Mounting

	Item no.: 249-117 Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray	www.wago.com/249-117
	Item no.: 249-197 Screwless end stop; 14 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray	www.wago.com/249-197

Downloads**Documentation****Bid Text**

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Additional Information

Technical explanations

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 883-2401

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2-conductor through terminal block; 240 mm²; with screw-type connection; 240,00 mm²; gray

Installation Notes

Installation



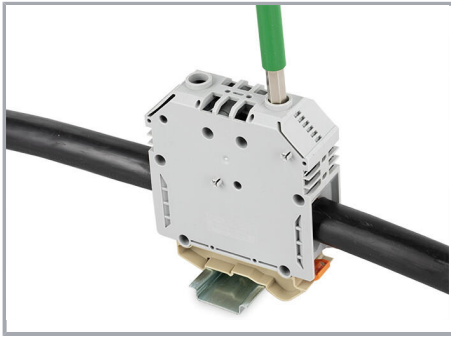
Mounting and removing through terminal blocks

Mounting is performed by simply snapping the terminal block onto the DIN-rail. The fixed snap-in foot is put on first.

Removal is performed by pushing back the movable snap-in foot and simultaneously tilting it off the rail.

Conductor termination

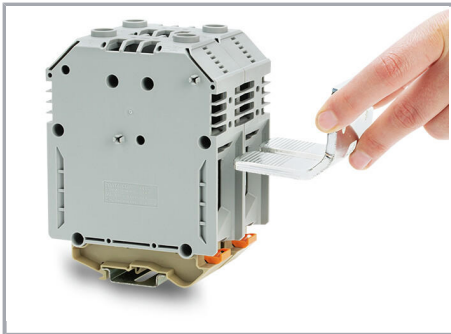
Subject to changes. Please also observe the further product documentation!



Conductor termination and clamping point actuation

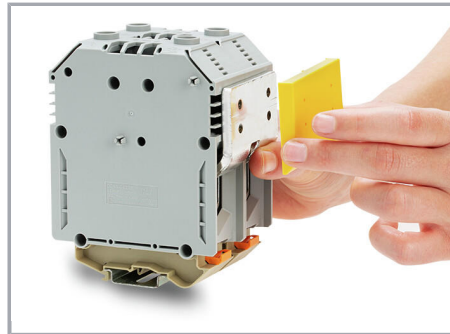
The stripped conductor is inserted into the clamping unit until it hits the backstop. By turning the screw to the right with a 8 mm T-wrench, the conductor is indirectly pressed against the current bar via the clamping bracket.

Commoning



Commoning

Step 1: Insert the 2- or 3-way jumper into the conductor entry to connect adjacent terminal blocks.



Brücken

Schritt 2: Die gelbe Isolierkappe aufsetzen und mit dem Gehäuse verrasten, um den Brücke in der Klemmstelle zu positionieren.



Brücken

Schritt 3: Durch das Anziehen der Schraube im Betätigungskanal wird der Brücke in der Leitereinführung fixiert. Bei Bedarf kann zusätzlich ein elektrischer Leiter in die Leitereinführung eingeführt und zusammen mit dem Brücke geklemmt werden. Durch die Leitereinführung auf beiden Seiten ist eine x-fache Potentialvervielfältigung möglich. Die Brücken sind für den Bemessungsstrom der Schraubklemme ausgelegt.

Cover

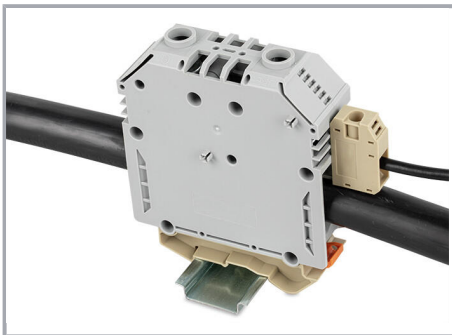
Subject to changes. Please also observe the further product documentation!



Protective warning marker

The warning covers marked with a lightning arrow are snapped onto the screw terminal block from above and close the actuation slot. This prevents actuation of the clamping point under voltage and guarantees protection against accidental contact.

Power tap



Potentialabgriff

Der Potentialabgriff wird in den Schacht oberhalb der Leitereinführung eingesteckt. Der Potentialabgriff wird bei der Klemmstellenbetätigung indirekt über den Zugbügel gegen die Stromschiene gepresst.

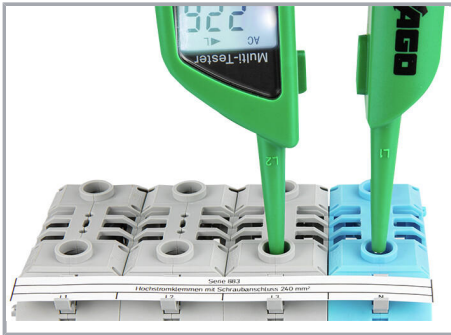
Subject to changes. Please also observe the further product documentation!



Insertion plate

To connect flat cables, the insertion plates are mounted into the clamping bracket to compensate for the V-shaped geometry and provide a secure conductor connection.

Power tap



Marking

The screw terminal blocks can be labeled quickly and easily with the WMB Inline marking system. The markers are inserted into the receptacles provided for this purpose. The 2009-198 Marker Carrier allows marking strips to be used.

Marking

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



Marking

The screw terminal blocks can be labeled quickly and easily with the WMB Inline marking system. The markers are inserted into the receptacles provided for this purpose. The 2009-198 Marker Carrier allows marking strips to be used.



Marking

The screw terminal blocks can be labeled quickly and easily with the WMB Inline marking system. The markers are inserted into the receptacles provided for this purpose. The 2009-198 Marker Carrier allows marking strips to be used.

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