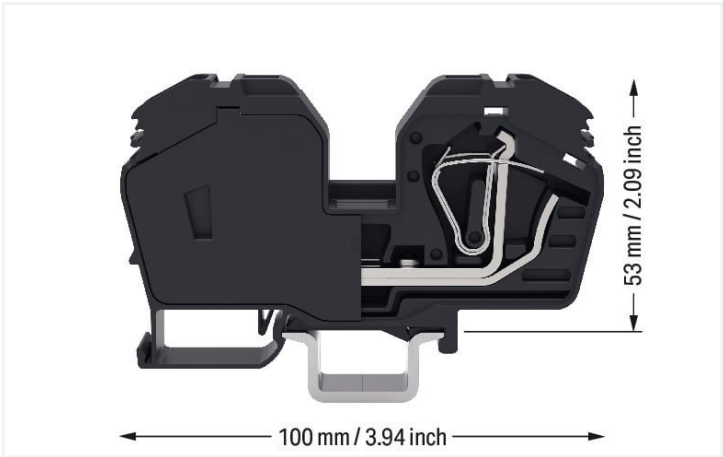
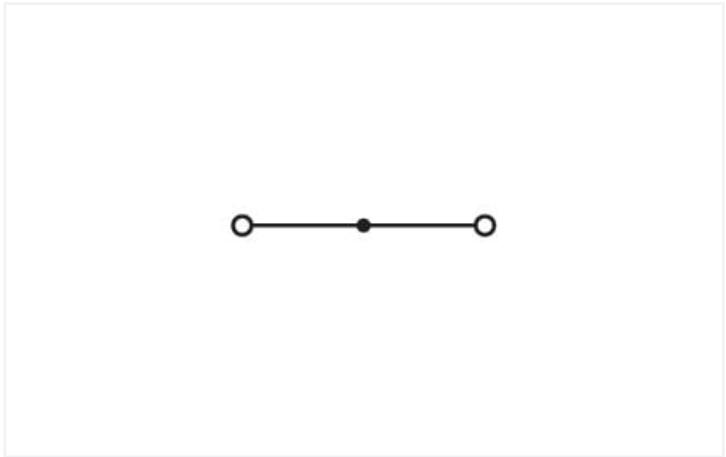




Color: ■ black



Similar to illustration

Electrical data						
Ratings per		IEC/EN 60947-7-1			Ratings per IEC/EN 2	
Overvoltage category	III	III	II		Rated voltage (III/3) 2	1500 V
Pollution degree	3	2	2		Rated surge voltage (III/3) 2	12 kV
Nominal voltage	1000 V	-	-			
Rated surge voltage	12 kV	-	-			
Rated current	125 A	-	-			
Power Loss						
Power loss, per pole (potential)	4.0625 W					
Rated current I _N for specified power loss	125 A					
Resistance value for specified, current-dependent power loss	0.00026 Ω					



Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
			Approval	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Confor-	-	-
CCA	EN 60947	NTR NL-7707	mity		
DEKRA Certification B.V.			WAGO GmbH & Co. KG		
KEMA/KEUR	EN 60947	71-105562	UK-Declaration of Confor-	-	-
DEKRA Certification B.V.			mity		
WAGO GmbH & Co. KG			WAGO GmbH & Co. KG		
UL	UL 1059	E45172			
Underwriters Laboratories Inc.					

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 285-639	

Documentation

Additional Information		
Technical Section	pdf 2240.62 KB	

1 Compatible Products

1.1 Required Accessories

1.1.1 Cover

1.1.1.1 Cover



Item No.: 285-401
Finger guard; touchproof cover protects unused conductor entries; for 35 mm² high-current tbs; yellow



1.1.2 Jumper

1.1.2.1 Jumper



Item No.: 285-435
Jumper; insulated; gray

Item No.: 283-414
Step-down jumper; from 283 to 281 series; insulated; gray

Item No.: 285-430
Step-down jumper; from 285 (35mm²) to 2016/2010 series; insulated; gray

1.1.3 Power tap

1.1.3.1 Power tap



Item No.: 283-407
Power tap; with 500 mm cable; for 16 mm² (283/783 Series) and 35 mm²; gray

1.1.4 Protective warning marker

1.1.4.1 Cover



Item No.: 285-416
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories



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



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



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



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



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



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



1.2.2 Ferrule

1.2.2.1 Ferrule



Item No.: 216-413
Ferrule; Sleeve for 25 mm² / AWG 4; unin-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 1/08.92; silver-colored



Item No.: 216-414
Ferrule; Sleeve for 35 mm² / AWG 2; unin-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 1/08.92; silver-colored

1.2.3 Installation

1.2.3.1 Cover



Item No.: 709-154
Cover; Type 2; suitable for cover carrier,
type 2; 1 m long; transparent

1.2.3.2 Cover carrier



Item No.: 709-168
Cover carrier; Type 2; incl. fixing/retaining
screws and knurled nut; suitable for 283 to
285 Series rail-mounted terminal blocks;
suitable for 279 to 281 Series double- and
triple-deck terminal blocks; suitable for
780 to 785, 775, 776 and 777 Series TOP-
JOB® rail-mounted terminal blocks; suita-
ble for 280 Series sensor and actuator ter-
minal blocks; suitable for 282 Series dis-
connect/test terminal blocks for transfor-
mer circuits; gray

1.2.3.3 Mounting accessories



Item No.: 249-116
Screwless end stop; 6 mm wide; for DIN-
rail 35 x 15 and 35 x 7.5; gray

1.2.4 Marking

1.2.4.1 Marker



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



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



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



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



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



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



Item No.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700
pieces on roll; stretchable 5 - 5.2 mm;
plain; snap-on type; white



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

1.2.4.1 Marker

**Item No.: 248-501/000-006**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue

**Item No.: 248-501/000-007**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

**Item No.: 248-501/000-023**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green

**Item No.: 248-501/000-017**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green

**Item No.: 248-501/000-012**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

**Item No.: 248-501/000-005**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

**Item No.: 248-501/000-024**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

**Item No.: 248-501**

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

**Item No.: 248-501/000-002**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

**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

**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

**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

**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

**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

**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

**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

**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

**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

**Item No.: 793-501/000-006**

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

**Item No.: 793-501/000-007**

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

**Item No.: 793-501/000-023**

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

**Item No.: 793-501/000-017**

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

**Item No.: 793-501/000-012**

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

**Item No.: 793-501/000-005**

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

**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

1.2.4.2 Marker carrier

**Item No.: 2009-198**

Adaptor; gray

1.2.5 Tool

1.2.5.1 Operating tool



Item No.: 210-721
Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

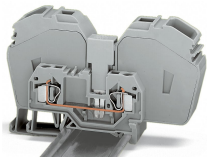
Installation Notes

Conductor termination

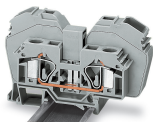


Terminating a 35 mm² (2 AWG) conductor.

Commoning



Commoning with step-down jumper (283-414) from 285 Series (35 mm²/2 AWG) to 281 Series terminal blocks (4 mm²/12 AWG).



The following 285 Series Through Terminal Blocks can be commoned with 283 Series Through Terminal Blocks: 285-635 or 285-634 with 283-601 or 283-604 (terminal blocks with side marking, visit www.wagocatalog.com)
Adjacent jumper required: 285-435

Please note that the nominal current of the adjacent jumper must not exceed 63 A.

Cover

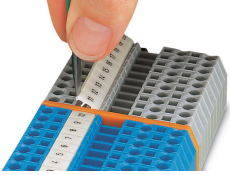


Protective warning markers inserted into the operating slots



Finger guard seals an unused conductor entry.

Marking



Labeling via WMB Multi Marking System.