Conductor and Cable Marking – Description and Handling –

Wire marking



The following markers are available:
Markers for plotter marking.



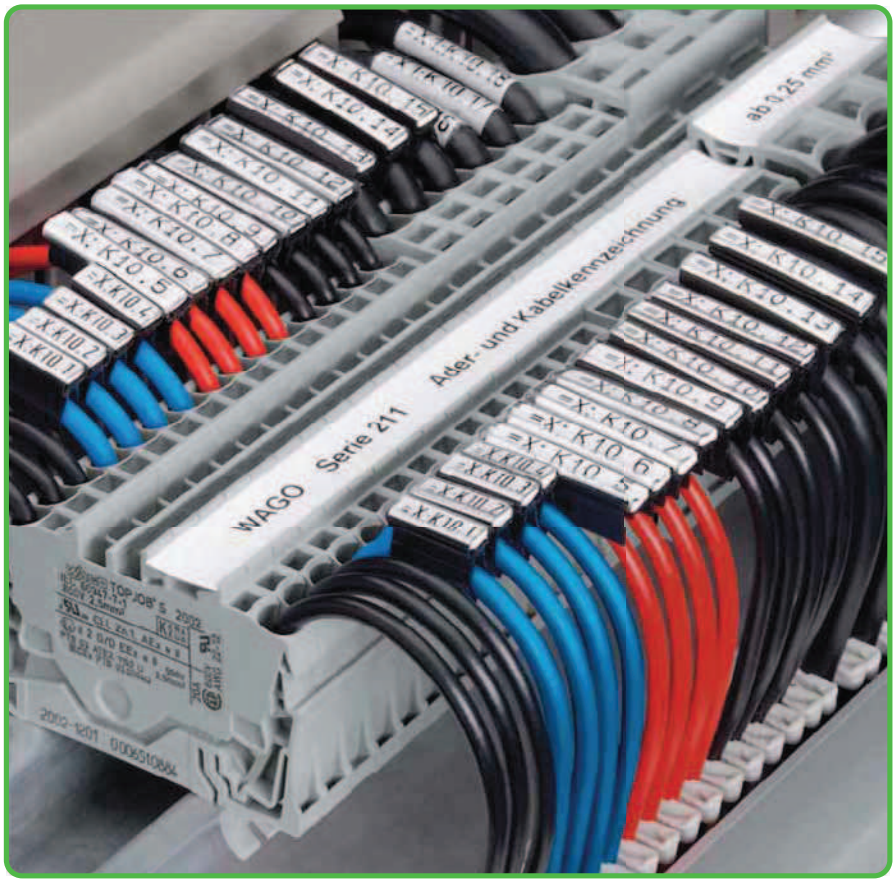
Markers on roll for thermal transfer printing.

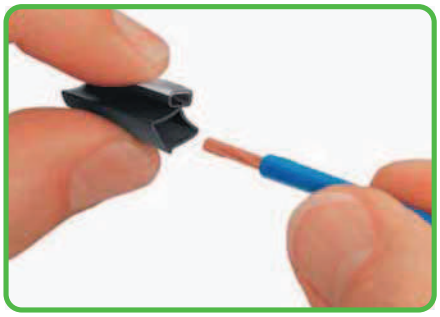


Remove the printed marker from the roll.

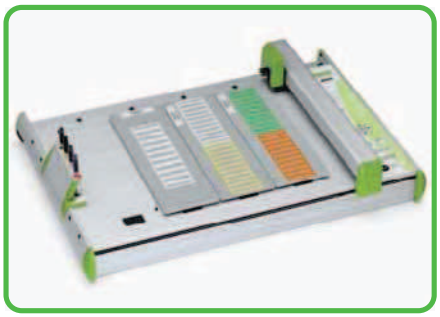


Slide the plotted marker into the marking sleeve receptacle. Exchanging the marker is also possible after the conductor has been terminated.

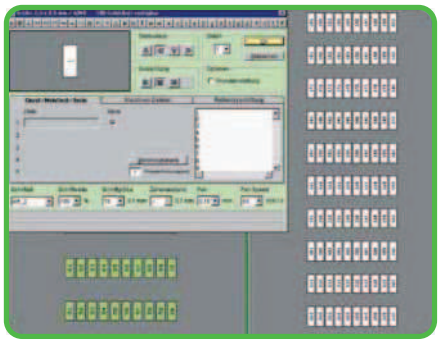




Compress the sleeve and slide it onto the conductor to be marked.



IP 350 Plotter



WAGO smartMarking Software



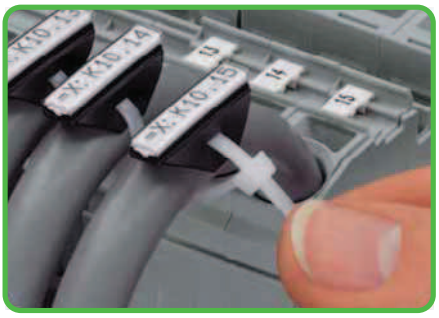
TP 298+ Thermal Transfer Printer



Slide it through the marker receptacle up to the end of the sleeve.



Then remove the rest of the marker by twisting it off.



Attach the 211-129 marking sleeve to individual cables or conductors via cable ties.



Cable marking

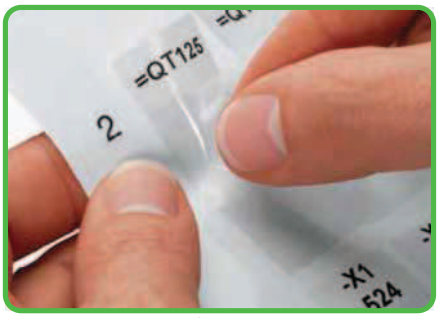


Conductor marker for threading for 2.5 - 6 mm²

Cable marking



Self-laminating labels are available on A4 sheets for laser printers (plotters) are supplied on roll for Thermal Transfer Printers.



Remove the printed label from the sheet or roll.



Wrap it around the conductor or cable.



The transparent laminate protects the marking.

Conductor and Cable Marking
for Conductors from 0.25 to 25 mm²

Marking sleeve



Item No.	Pack. Unit
Marking sleeve, 12 mm long, halogene-free, for one marker, to be fitted prior to conductor termination,	
for wire Ø 1.6 - 3.2 mm or 0.25 - 1.5 mm²	
211-112	2000
for wire Ø 2.2 - 4.5 mm or 0.5 - 4 mm²	
211-113	2000
for wire Ø 3.7 - 5.9 mm or 2.5 - 6 mm²	
211-114	1000
for wire Ø 5.5 - 10 mm or 10 - 25 mm²	
211-115	1000

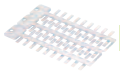
Item-Specific Accessories

Markers on roll, for thermal transfer printer,



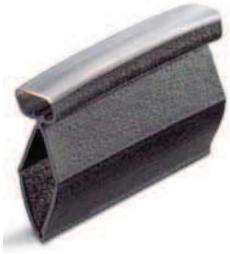
3,000 markers per roll,
12 mm long
white **211-111** 1

Marker card, for plotter,



57 markers per card,
12 mm long
white **211-110** 18

Marking sleeve



Item No.	Pack. Unit
Marking sleeve, 23 mm long, halogene-free, for one marker, to be fitted prior to conductor termination,	
for wire Ø 1.6 - 3.2 mm or 0.25 - 1.5 mm²	
211-122	2000
for wire Ø 2.2 - 4.5 mm or 0.5 - 4 mm²	
211-123	2000
for wire Ø 3.7 - 5.9 mm or 2.5 - 6 mm²	
211-124	1000
for wire Ø 5.5 - 10 mm or 10 - 25 mm²	
211-125	1000

Item-Specific Accessories

Markers on roll, for thermal transfer printer,



3,000 markers per roll,
23 mm long
white **211-121** 1

Marker card, for plotter,

34 markers per card,
23 mm long
white **211-120** 30

Marking sleeve



Item No.	Pack. Unit
Marking sleeve, 23 mm long, halogene-free, for cable tie, can also be fitted after install, can also be fitted after install,	
for wires from 10 mm²	
211-129	1000

Item-Specific Accessories

Markers on roll, for thermal transfer printer,



3,000 markers per roll,
23 mm long
white **211-121** 1

Marker card, for plotter,

34 markers per card,
23 mm long
white **211-120** 30

Cable tie,



2.5 mm x 100 mm
807-090/101-100 1

211 Series Accessories

TP 298+ Thermal Transfer Printer,



300 dpi print resolution
258-298 1

TP 343+ Thermal Transfer Printer,



300 dpi print resolution
258-343 1

Ink ribbon for wire marker,



76 mm wide x 300 m
258-150 1

DIN A3 plotter,



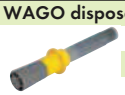
IP 350 (110 V/230 V)
258-350 1

Ink pen,



0.35 mm line width
258-228 1

WAGO disposable plotter pen,



0.35 mm line width
258-328 1

Carrier plate for IP 350 Plotter, for marker cards



258-370 1

Self-Laminating Labels for Cable Marking
Conductor Marker for Threading

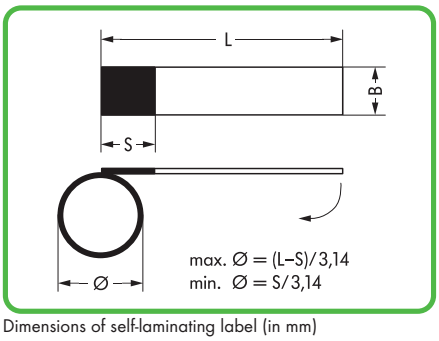
Labels on DIN A4 sheets	Labels on roll	Conductor marker for threading







Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Labels on DIN A4 sheets,		**Labels on roll,**		**Conductor marker for threading,**	
for laser printer		for thermal transfer printer		for 0.75 - 1.5 mm²,	
Marking surface: S = 9 mm B = 17 mm L = 35 mm,		Marking surface: S = 8 mm B = 18 mm L = 35 mm,		2,000 makers per reel	
for max. cable diameter 8 mm,		for max. cable diameter 9 mm,			
70 labels per sheet		9,000 labels per roll			
211-150	20	**211-155**	1	white **211-161**	1
Marking surface: S = 13 mm B = 21 mm L = 56 mm,		Marking surface: S = 13 mm B = 23 mm L = 51 mm,		**Conductor marker for threading,**	
for max. cable diameter 14 mm,		for max. cable diameter 12 mm,		for 2.5 - 6 mm²,	
32 labels per sheet		5,000 labels per roll		2,000 makers per reel	
211-151	25	**211-156**	1	white **211-162**	1



Dimensions of self-laminating label (in mm)



Self-laminating labels are supplied on roll for Thermal Transfer Printers.

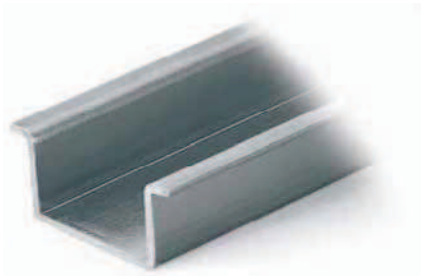


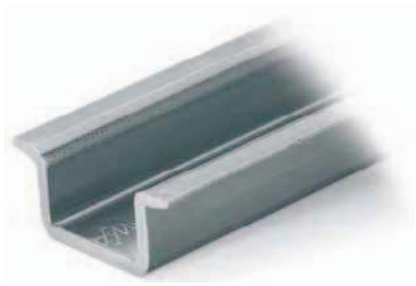
Conductor marker for threading

Mounting Accessories
Carrier Rails, Rail End Cap, Angled Support Brackets and Collective Carriers

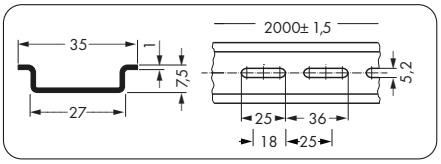
Carrier rail unslotted	Carrier rail unslotted	Carrier rail unslotted





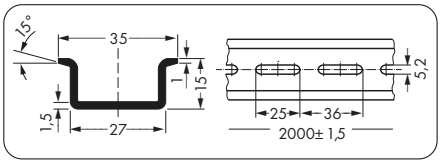


	Item No.	Pack. Unit
Steel carrier rail, I_N 76 A (reference length of 1m/3'3"), 35 x 7.5 mm, 1 mm, 2 m/6'6" long		
unslotted	**210-113**	10
Hole width 25 mm; hole spacing 36 mm		
slotted	**210-112**	10 (10x1)
Hole width 18 mm; hole spacing 25 mm		
slotted	**210-115**	1



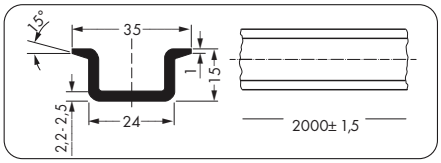
Dimensions in mm

	Item No.	Pack. Unit
Steel carrier rail, I_N 125 A (reference length of 1m/3'3"), 35 x 15 mm, 1.5 mm, 2 m/6'6" long		
unslotted	**210-114**	10
slotted	**210-197**	10



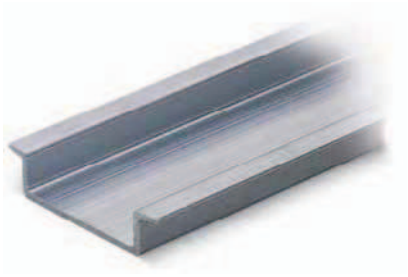
Dimensions in mm

	Item No.	Pack. Unit
Steel carrier rail, I_N 125 A (reference length of 1m/3'3"), 35 x 15 mm, 2.3 mm, 2 m/6'6" long		
unslotted	**210-118**	10



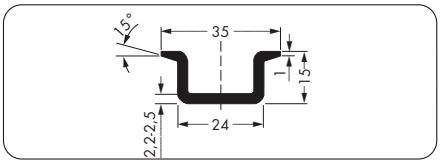
Dimensions in mm





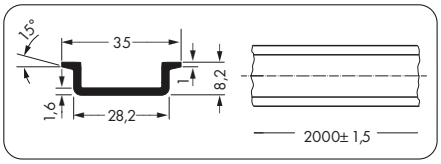


	Item No.	Pack. Unit
Copper carrier rail, I_N 309 A (reference length of 1m/3'3"), 35 x 15 mm, 2.3 mm, 2 m/6'6" long		
unslotted	**210-198**	10



Dimensions in mm

	Item No.	Pack. Unit
Aluminum carrier rail, I_N 76 A (reference length of 1m/3'3"), 35 x 8.2 mm, 1.6 mm, 2 m/6'6" long		
unslotted	**210-196**	10



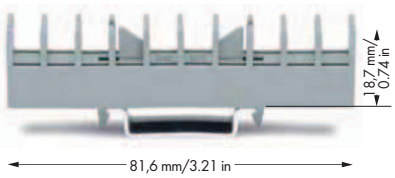
Dimensions in mm

	Item No.	Pack. Unit
Rail end cap, for DIN 35 rail (7.5 mm high)		
gray	**209-109**	50 (2x25)

Carrier rail unslotted	Angled support bracket	Collective carrier for jumpers



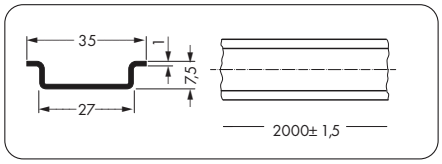




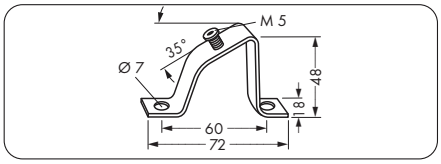
	Item No.	Pack. Unit
Steel carrier rail, I_N 76 A (reference length of 1m/3'3"), 35 x 7.5 mm, 1 mm, 2 m/6'6" long		
unslotted	**210-505**	1
slotted	**210-504**	1

	Item No.	Pack. Unit
Angled support bracket, without screw		
	210-148	10
Screw M 5 x 8		
	210-149	100 (5x20)

	Item No.	Pack. Unit
Collective carrier for jumpers, for DIN 35 rail, for jumpers for transverse switching terminal block (282-811) and longitudinal switching disconnect terminal block (282-821)		
gray	**282-369**	25

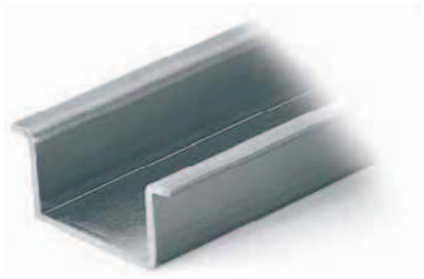


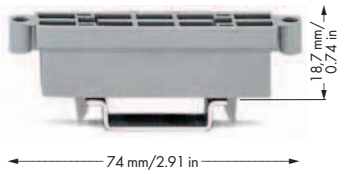
Dimensions in mm



Dimensions in mm

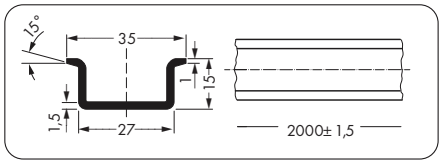
The collective carrier can be snapped onto DIN 35 rails.
It holds jumpers, e. g., during maintenance.





	Item No.	Pack. Unit
Steel carrier rail, I_N 125 A (reference length of 1m/3'3"), 35 x 15 mm, 1.5 mm, 2 m/6'6" long		
unslotted	**210-506**	1
slotted	**210-508**	1

	Item No.	Pack. Unit
Collective carrier for adjacent jumpers, for DIN 35 rail, for 279, 280, 281, 282 and 284 Series adjacent jumpers, as well as 215 Series banana plugs		
gray	**209-100**	50 (2x25)

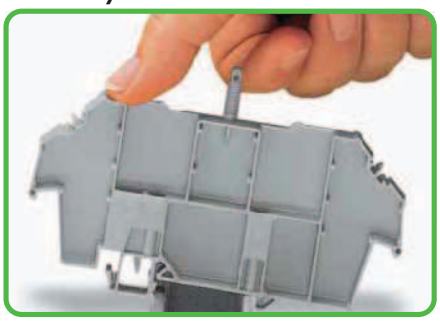


Dimensions in mm

The collective carrier can be snapped onto DIN 35 rails.
It holds adjacent jumpers and banana plugs, e.g., during maintenance.

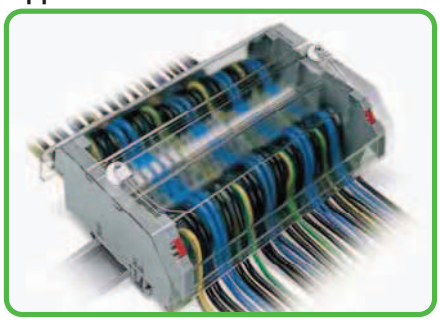
Transparent Covers for Rail-Mounted Terminal Blocks, Usable with Lead Seals – Description and Handling –

Assembly



Snapping a cover carrier onto the carrier rail.

Application

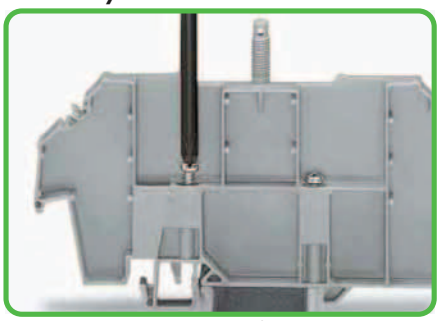


Application examples:
cover (Type 1) without safety warning and lead seals.



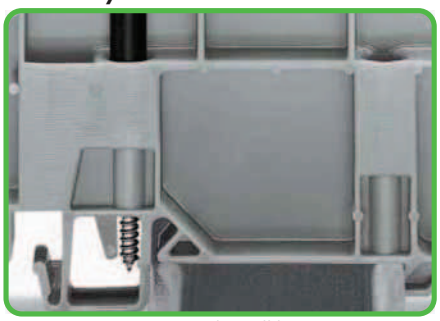
Cover with safety warning and lead seals.

Assembly



Tightening both securing screw (left) and mounting screw (right).

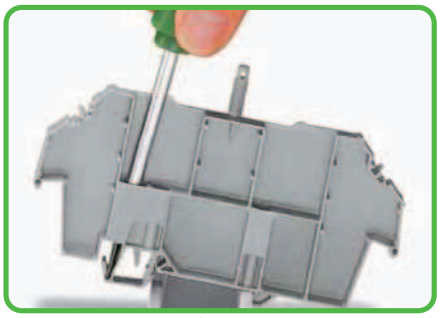
Assembly



Securing screw – prevents lifting off from rail.
Mounting screw – prevents the cover carrier from being moved on the rail.



Removal



Removing a cover carrier from the carrier rail.

Marking



Inserting a marking strip into the cover.

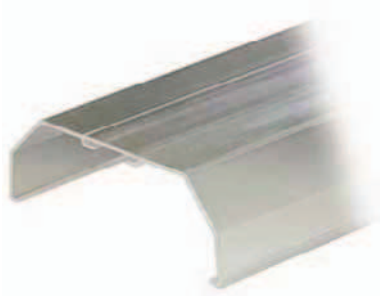
Lead seal



Cover with lead seals.
Using covers without lead seals, the thread dome-head can be broken off.

Transparent Covers for Rail-Mounted Terminal Blocks, Usable with Lead Seals
709 Series

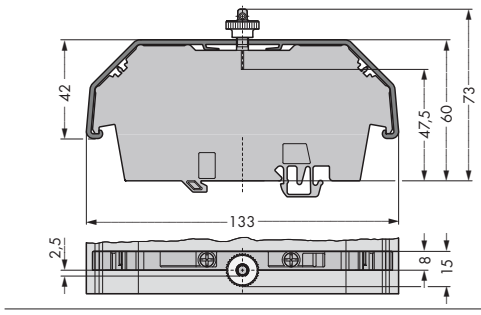
Cover and cover carrier, type 1



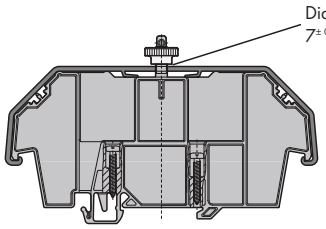
	Item No.	Pack. Unit
Cover, type 1,		
suitable for cover carrier, type 1,		
1 m/3'3'' long		
transparent	**709-153**	10



	Item No.	Pack. Unit
Cover carrier, type 1,		
incl. mounting/securing screws and knurled nut,		
for 279 to 282 Series and 880 Series rail-mount terminal blocks,		
for 264 Series miniature terminal blocks,		
for 270 Series sensor and acuator blocks		
gray	**709-167**	10



Back view



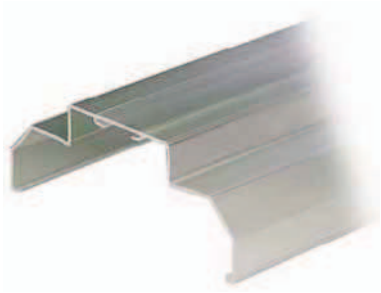
Dimensions in mm

Accessories

Marking card with 6 marking strips,			
	for group marking or safety instructions		
	plain	**709-183**	1
Spare mounting/securing screw,			
	for cover		
		209-196	200 (8x25)
Spare knurled nut,			
	for cover		
		210-549	100 (4x25)

Transparent Covers for Rail-Mounted Terminal Blocks, Usable with Lead Seals
709 Series

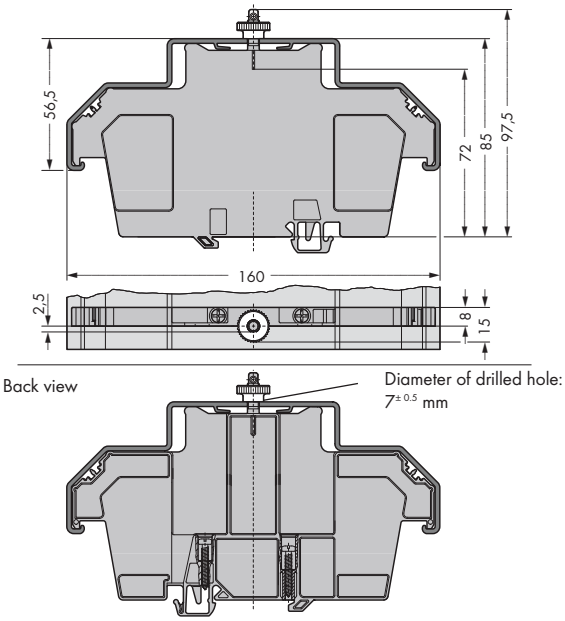
Cover and cover carrier, type 2



	Item No.	Pack. Unit
Cover, type 2,		
suitable for cover carrier, type 2,		
1 m/3'3" long		
transparent	**709-154**	1



	Item No.	Pack. Unit
Cover carrier, type 2,		
incl. mounting/securing screws and knurled nut,		
for 283 to 285 Series rail-mount terminal blocks,		
for 279 to 281 Series double- and triple-deck blocks,		
for 780 to 785, 775, 776 and 777 Series TOPJOB®		
terminals,		
for 280 Series sensor and actuator blocks,		
for 282 Series disconnect terminals for test and		
measurement for transformer circuits		
gray	**709-168**	10



Dimensions in mm

Accessories

Marking card with 6 marking strips,



for group marking or safety instructions

plain	**709-183**	1

Spare mounting/securing screw,



for cover

209-196	200 (8x25)

Spare knurled nut,



for cover

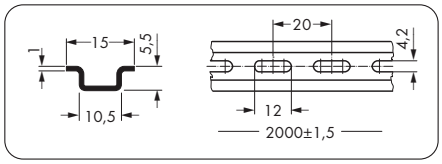
210-549	100 (4x25)

Mounting Accessories
Carrier Rails and End Stops

Carrier rail slotted



Item No.	Pack. Unit
Steel carrier rail, I_N 57 A (reference length of 1m/3'3"), 15 x 5.5 mm, 1 mm, 2 m/6'6" long	
slotted **210-111**	1

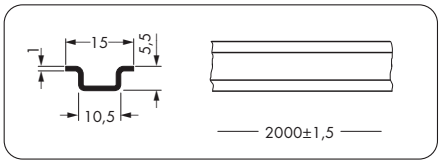


Dimensions in mm

Carrier rail unslotted



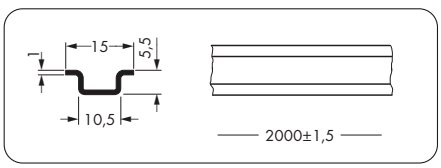
Item No.	Pack. Unit
Steel carrier rail, I_N 57 A (reference length of 1m/3'3"), 15 x 5.5 mm, 1 mm, 2 m/6'6" long	
unslotted **210-295**	1



Dimensions in mm



Item No.	Pack. Unit
Aluminum carrier rail, I_N 57 A (reference length of 1m/3'3"), 15 x 5.5 mm, 1 mm, 2 m/6'6" long	
unslotted **210-296**	10



Dimensions in mm

Screwless end stop



Item No.	Pack. Unit
Screwless end stop, for DIN 15 rail, 6 mm wide	
gray **249-101**	25

Operating Tools

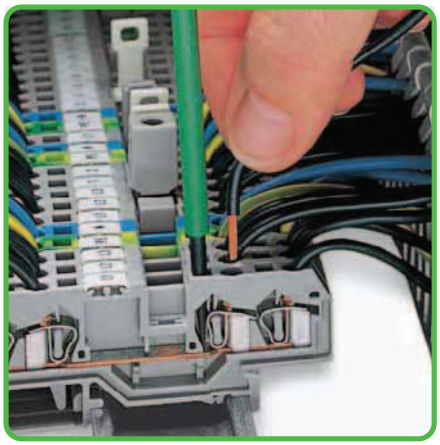
Operating tool with partially insulated shaft	Operating tool set with partially insulated shafts	Operating tool with partially insulated shaft







Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Operating tool with partially insulated shaft,		**Operating tool set with partially insulated shafts,**		**Operating tool with partially insulated shaft,**	
type 1, (2.5 x 0.4) mm blade,		type 1, (2.5 x 0.4) mm blade, type 2, (3.5 x 0.5) mm		(2.5 x 0.4) mm blade, short,	
for 279, 726, 727, 2000, 2001 and 2020 Series		blade, type 3, (5.5 x 0.8) mm blade		for 279, 726, 727, 2000 and 2001 Series	
210-719	1	**210-722**	1	**210-647**	1
Operating tool with partially insulated shaft,				**Operating tool with partially insulated shaft,**	
type 2, (3.5 x 0.5) mm blade,				(2.5 x 0.4) mm blade, short angled,	
for 260, 261, 262, 264, 270, 280, 281, 290, 775,				for 279, 2000, 2001 and 2020 Series	
776, 777, 769, 780, 781, 869, 870, 880, 2002, 2003,					
2004, 2005 and 2022 Series					
210-720	1			**210-648**	1
Operating tool with partially insulated shaft,					
type 3, (5.5 x 0.8) mm blade,					
for 282, 283, 284, 285, 782, 783, 784, 785, 2006,					
2010 and 2016 Series					
210-721	1				



The blade dimensions of the above-listed operating tools with partially insulated shaft are ideal for easy operation of front-entry terminal blocks.



Set of operating tools

Operating Tools

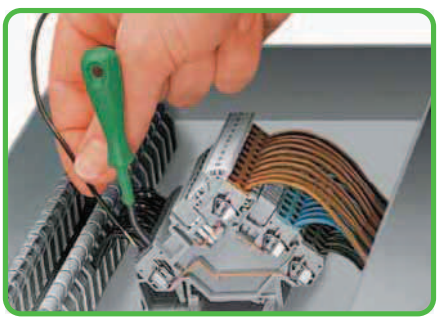
Operating tool with partially insulated shaft	Operating tool	Plunger







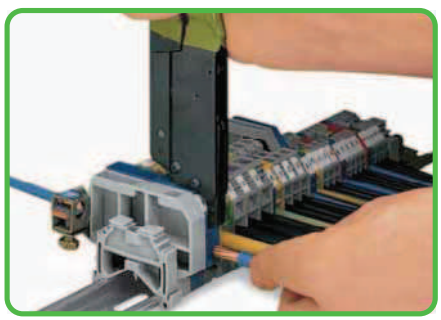
Item No.	Pack. Unit		Item No.	Pack. Unit	Item No.	Pack. Unit
Operating tool with partially insulated shaft,			**Operating tool,** of insulating material,		**Plunger,**	
(3.5 x 0.5) mm blade, short,			for 279 Series rail-mounted terminal blocks		for 279 and 280 Series rail-mounted terminal blocks for	
for 260, 261, 262, 264, 270, 280, 281, 869, 870, 880					side-entry	
Series						
210-657	1	1-way	**209-129**	1	**210-143**	1
		2-way	**279-432**	1		
		3-way	**279-433**	1		
		10-way	**279-440**	1		
Operating tool with partially insulated shaft,			**Operating tool,** of insulating material,		**Plunger,**	
(3.5 x 0.5) mm blade, short angled,			for 264 (1- and 2-way only), 280, 281 (up to 3-way only)		for 281, 282, 283 and 284 Series rail-mounted terminal	
ideal for 280 Series actuator and sensor terminal blocks,			Series rail-mounted terminal blocks		blocks for side-entry	
along with 260, 261, 262, 264, 280, 281, 869, 870,						
880, 2002 and 2004 Series						
210-658	1	1-way	**209-130**	1	**210-141**	1
		2-way	**280-432**	1		
		3-way	**280-433**	1		
		4-way	**280-434**	1		
		5-way	**280-435**	1		
		6-way	**280-436**	1		
		7-way	**280-437**	1		
		8-way	**280-438**	1		
		9-way	**280-439**	1		
		10-way	**280-440**	1		
		for 281 Series rail-mounted terminal blocks			The plunger is placed into the upper operating slot of the	
		5-way	**281-440**	1	side-entry rail-mount terminal block and the clamp is hoo-	
					ked into the lateral operating slot. The contact is fully ope-	
					ned by pressing the handles together until they engage –	
					both hands are then free for conductor preparation and	
					insertion into the terminal block.	



The blade dimensions of the above-listed operating tool (DIN 5264) are ideal for easy operation of 280 Series front-entry sensor and actuator terminal blocks.



Commoning front-entry disconnect terminal blocks with comb-style jumper bars via 10-way operating tool.



When operating the handles beyond the locked position, the ratchet allows the tool to open and be removed from the terminal block.