



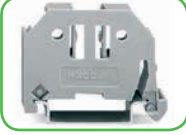







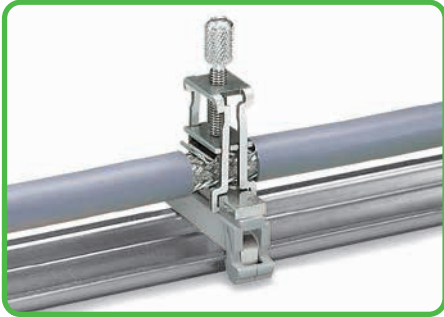
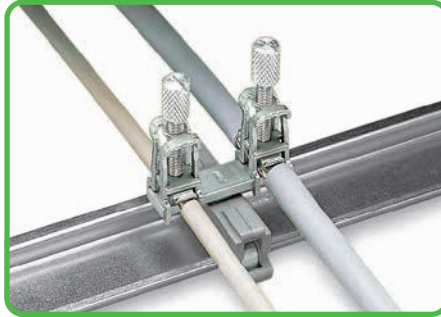


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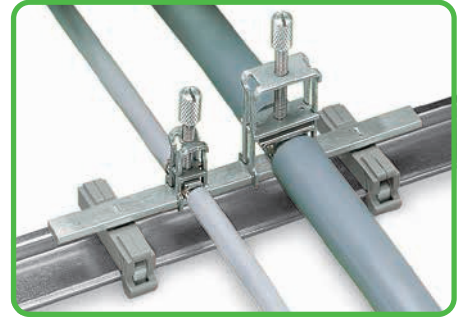
Shield Connecting System, 790 Series - Description and Handling -



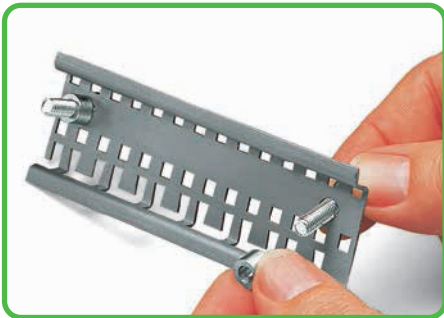
Carrier with grounding foot*
45 mm long, busbar 90° to the rail
Item No. 790-113



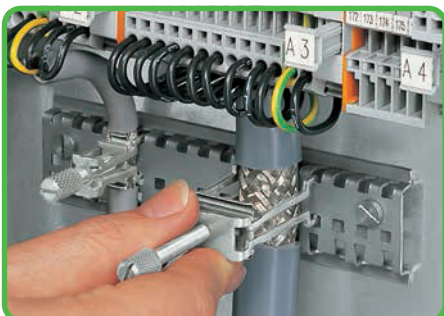
Carrier with grounding foot*
45 mm long, busbar parallel to the rail
Item No. 790-114



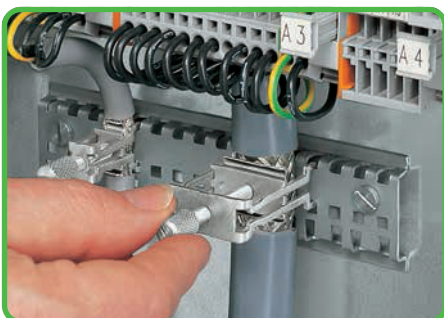
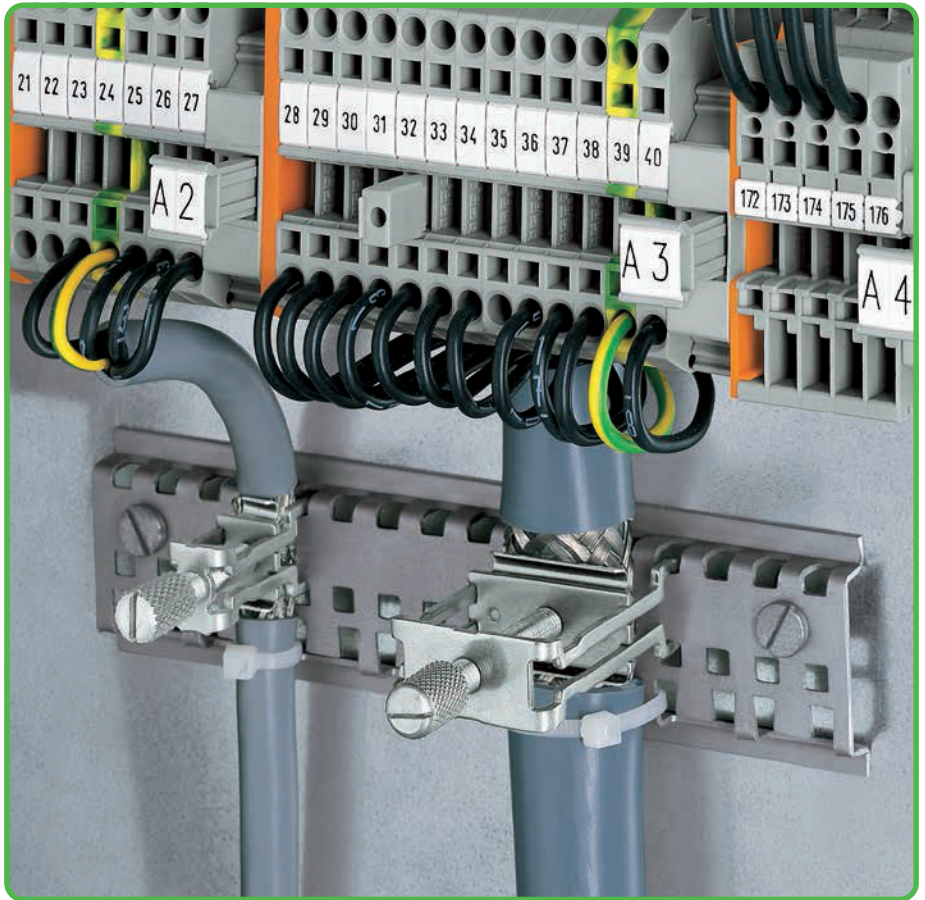
Carrier with 2 grounding feet*
125 mm long, busbar parallel to the rail
Item No. 790-115
* for all sizes of shield clamping saddles



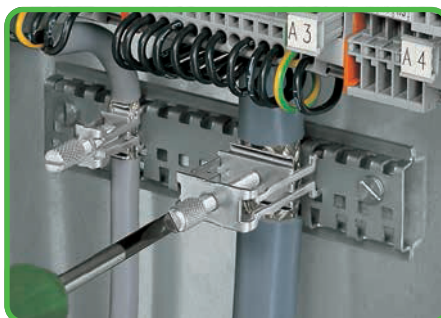
Fitting spacer sleeve to a specialty slotted carrier rail.



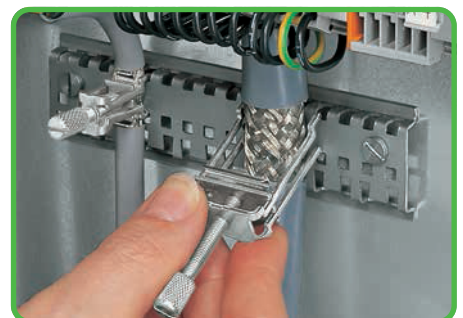
Fitting an additional clamping saddle.



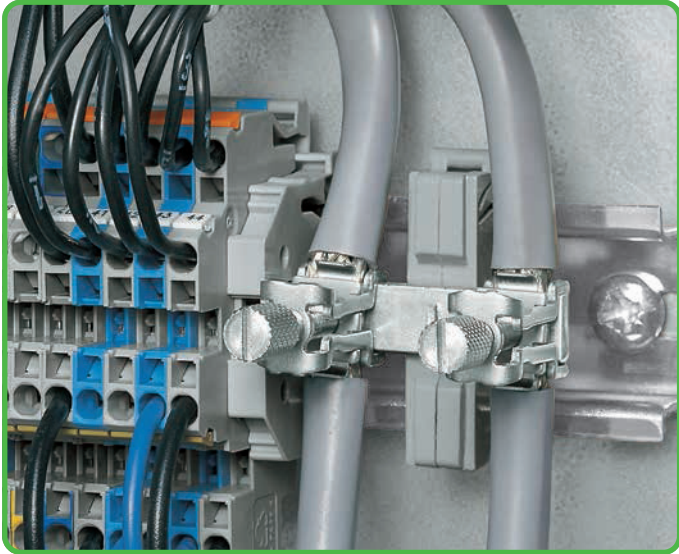
Tightening/Removing a clamping saddle.



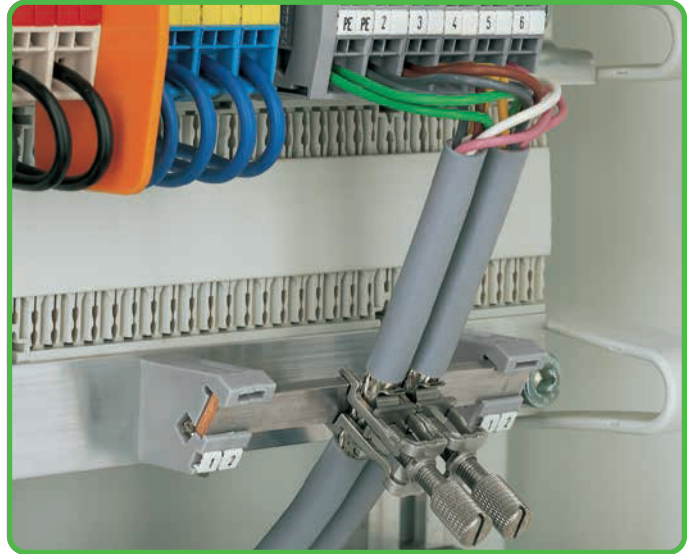
After connection, tighten the knurled screw to complete the installation.
Recommended tightening torque: 0.5 Nm



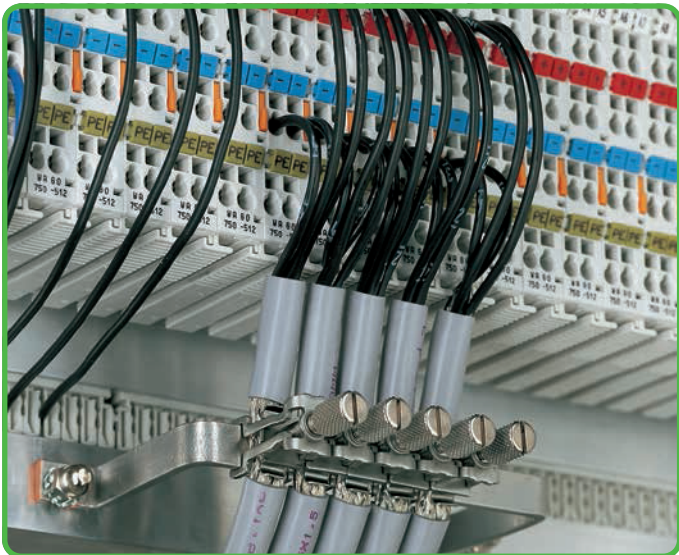
To remove the clamping saddle, unscrew until ratcheted mechanism is released, then slightly tip saddle and remove the clamping saddle.



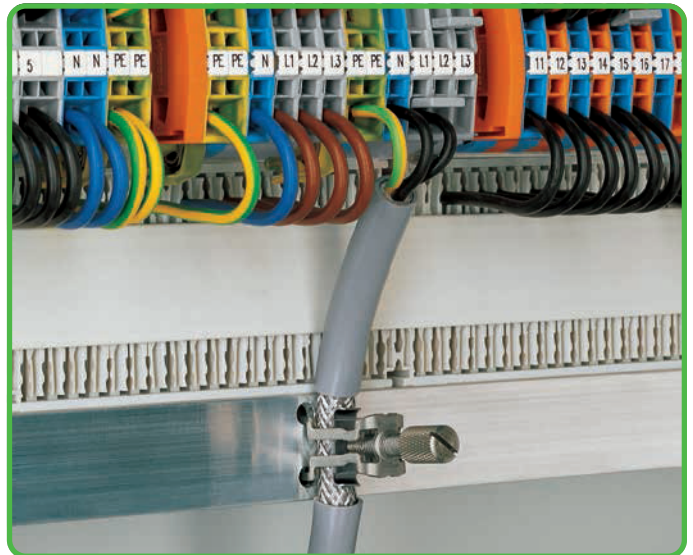
Carrier with grounding foot, busbar parallel to the rail.



Insulated mounting carriers for a common shield reference potential, independent of the housing potential.

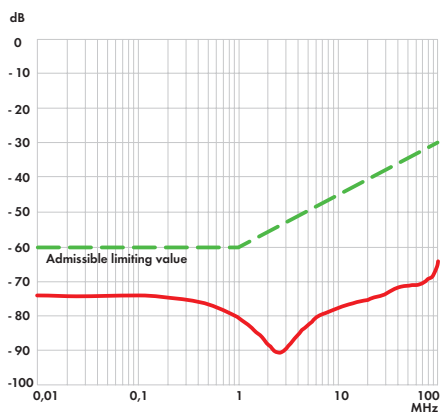


U-shaped copper busbar 10 mm x 3 mm.



Snap into any metal plate up to max. thickness 3 mm.

Negative shield attenuation



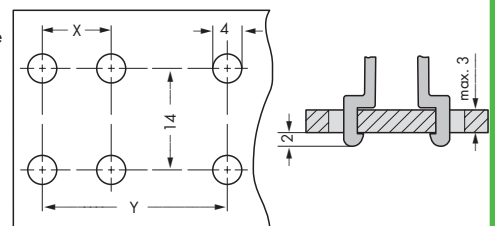
Hole dimensions for panel mounting

The WAGO shield connecting system is highly effective because the clamping unit can be brought very close to the unshielded part of the cable.

Hole dimensions for panel mounting

Shield (screen)
clamping saddle size

Distance X	
11 mm	9.5 mm
Distance Y	
19 mm	17.5 mm
27 mm	25.5 mm
43 mm	41.5 mm













Additionally, the spring material is part of the clamping saddle, providing a good electrical connection (the system also acts as a partial strain relief). The spring element integrated in the shield clamping saddle compensates deformation and settling that results from a connected shield.

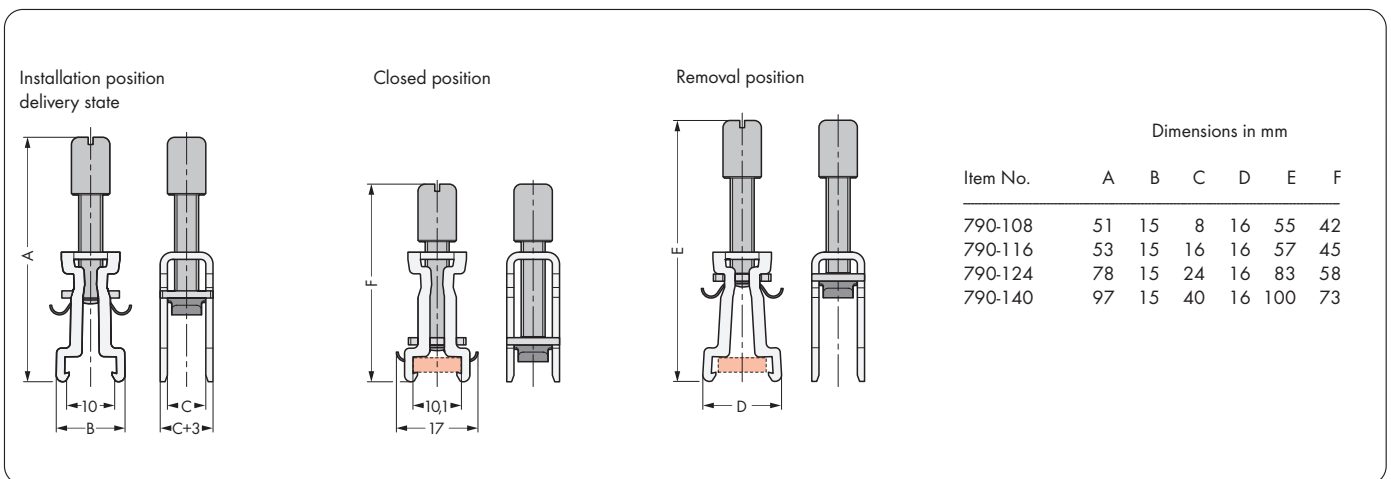
Shield clamping saddle diameter of compatible conductor up to 8 mm	Shield clamping saddle diameter of compatible conductor 7 to 16 mm	Shield clamping saddle diameter of compatible conductor 6 to 24 mm
--	--	--



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Shield clamping saddle, 11 mm wide, Note: Cannot be used for connecting ground conductors.		Shield clamping saddle, 19 mm wide, Note: Cannot be used for connecting ground conductors.		Shield clamping saddle, 27 mm wide, Note: Cannot be used for connecting ground conductors.	
790-108	50 (5x10)	790-116	50 (5x10)	790-124	50 (5x10)

Accessories for Shield Clamping Saddles

Carrier with grounding foot,  parallel to the rail, Cu 10 x 3 mm, 15 mm long, suitable for 790-108 shield clamping saddle 790-110 25	Carrier with grounding foot,  90° to carrier rail, Cu 10 x 3 mm, 45 mm long, suitable for 790 Series shield clamping saddles 790-113 25	Carrier with 2 grounding feet,  parallel to the rail, Cu 10 x 3 mm, 125 mm long 790-115 25
Carrier with grounding foot,  parallel to the rail, Cu 10 x 3 mm, 25 mm long, suitable for 790-108 and 790-116 shield clamping saddles, as well as for 791-111 and 791-117 shield clamps 790-112 25	Carrier with grounding foot,  parallel to the rail, Cu 10 x 3 mm, 45 mm long, suitable for 790 Series shield clamping saddles and 791 Series shield clamps 790-114 25	Busbar, tin-plated,  Cu 10 x 3 mm, 1000 mm long 210-133 1
Carrier rail, with special perforations, Tin-plated,  1000 mm long (Special lengths upon request) 790-145 1	Spacer sleeve, for specialty slotted carrier rail,  use M5-size screw 790-144 200 (2x100)	Busbar, tin-plated,  Cu 10 x 3 mm, 30 mm long 790-133 20
		Busbar, tin-plated,  Cu 10 x 3 mm, 50 mm long 790-134 20

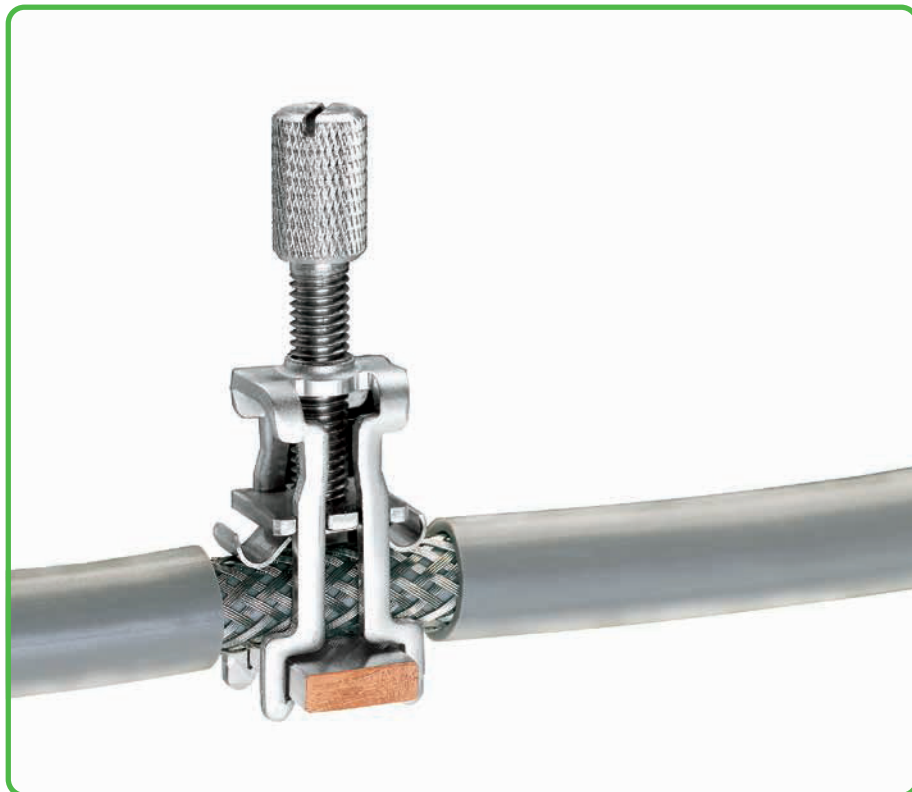


Dimensions in mm

Item No.	A	B	C	D	E	F
790-108	51	15	8	16	55	42
790-116	53	15	16	16	57	45
790-124	78	15	24	16	83	58
790-140	97	15	40	16	100	73

Dimensions in mm

Shield clamping saddle
diameter of compatible conductor
22 to 40 mm



Item No.	Pack. Unit
Shield clamping saddle, 43 mm wide, Note: Cannot be used for connecting ground conductors.	
790-140	50 (5x10)

Accessories for Shield Clamping Saddles

Insulated mounting foot, for busbar with screw M4 x 8 mm	
gray	790-100 50 (2x25)

Insulated mounting foot, for busbar with sheet metal screw (3.5 x 9) mm	
gray	790-101 50 (2x25)

U-shaped busbar, Cu 10 x 3 mm, suitable for 750 Series I/O modules for 5 I/O	
	790-190 25 (5x5)

U-shaped busbar, Cu 10 x 3 mm, suitable for 750 Series I/O modules for 8 I/O	
	790-191 25

U-shaped busbar, Cu 10 x 3 mm, suitable for 750 Series I/O modules for 5 I/O	
	790-192 25

U-shaped busbar, Cu 10 x 3 mm, suitable for 750 Series I/O modules for 8 I/O	
	790-193 25



Assembly

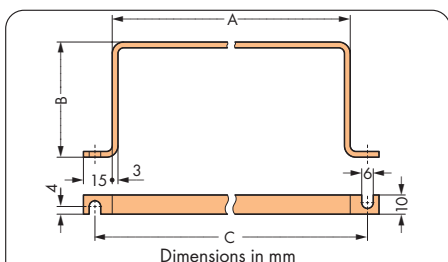


Removal

The shield clamping saddle is shipped ready for direct connection to the busbar 10 mm x 3 mm or to a drilled mounting plate. After connection, tighten the knurled screw to complete the installation.

Maximum tightening torque: 0.5 Nm

To remove the clamping saddle, unscrew until ratcheted mechanism is released, then slightly tip saddle and remove the clamping saddle.



Item No.	A	B	C	Item No.	A	B	C
suitable for I/O module series 750 (5 E/A)							
790-190	63	60	83	790-192	63	35	83
suitable for I/O module series 750 (8 E/A)							
790-191	100	60	118	790-193	100	35	118

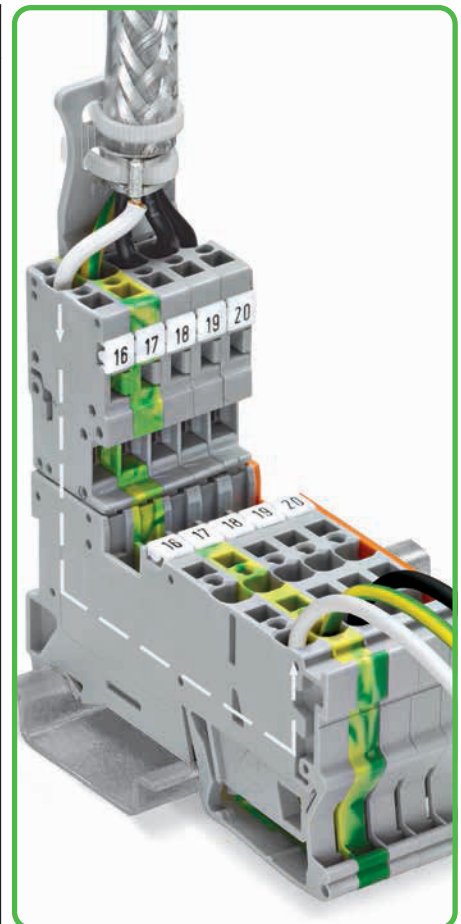
Dimensions in mm

Shield Clamps and Shield Termination 791 and 709 Series

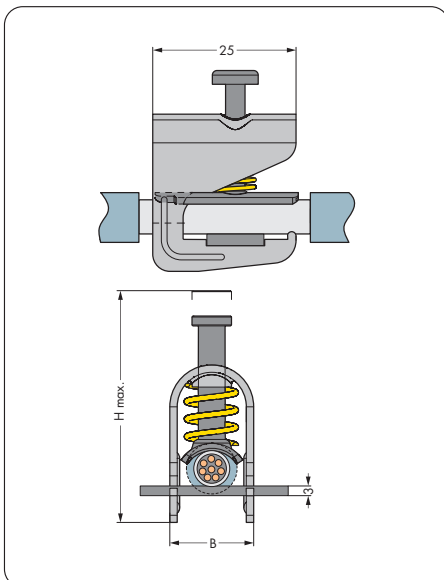
Shield clamp	Shield termination
---------------------	---------------------------



Item No.	Pack. Unit	Item No.	Pack. Unit
Shield clamp, diameter of compatible conductor 10 to 17 mm, height max. 63 mm, 23 mm wide, Note: Cannot be used for connecting ground conductors.		Shield termination, includes cable ties for shield 5 mm and 10 mm Ø	
791-117	50	55 mm long 709-350	100 (4x25)
Shield clamp, diameter of compatible conductor 1.5 mm to 6.5 mm, height max. 40 mm, 10 mm wide, Note: Cannot be used for connecting ground conductors.		Shield termination, includes cable ties for shield 5 mm and 10 mm Ø	
791-107	50	150 mm long 709-352	100 (4x25)
Shield clamp, diameter of compatible conductor 5 to 11 mm, height max. 47 mm, 17 mm wide, Note: Cannot be used for connecting ground conductors.			
791-111	50		
Shield clamp, diameter of compatible conductor 16 to 24 mm, height max. 78 mm, 30 mm wide, Note: Cannot be used for connecting ground conductors.			
791-124	50		



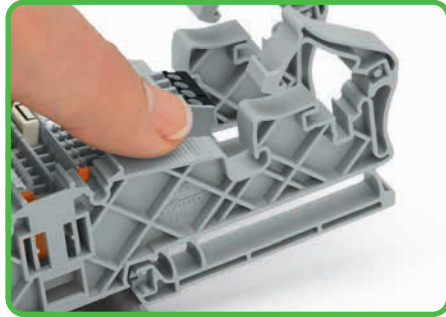
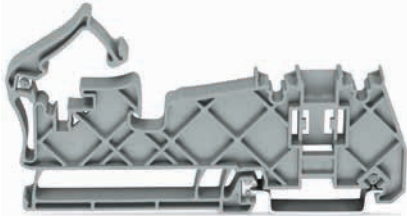
Shield termination (picture shows X-COM® connectors)



Dimensions in mm

Busbar Carriers 790 Series

Busbar carrier

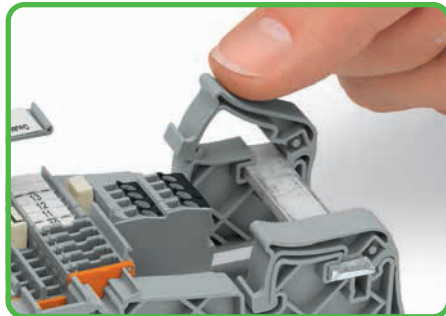


Snapping the busbar carrier onto DIN 35 rail.

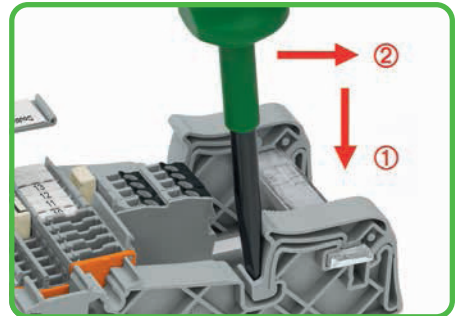


Placing the busbar in the carrier holder.

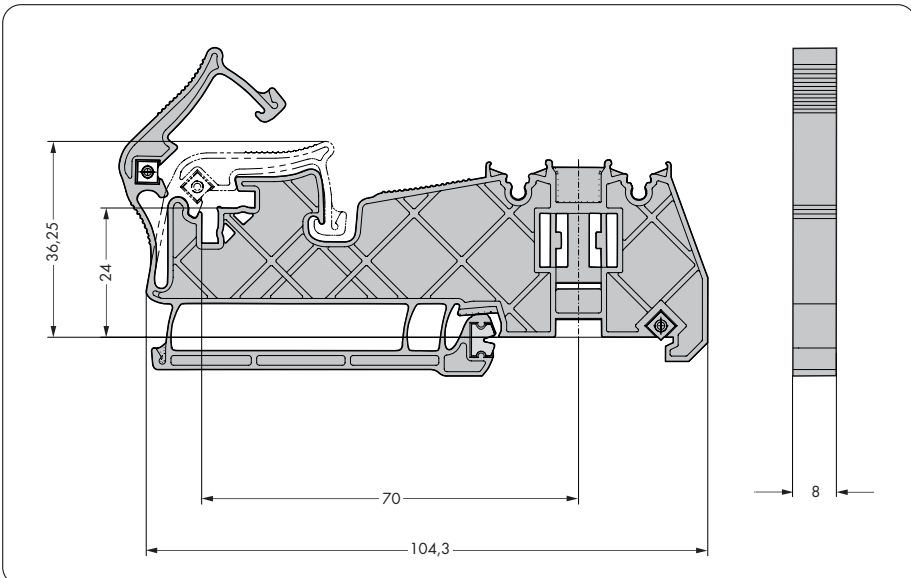
Item No.	Pack. Unit
Busbar carrier, insulated, for busbars Cu 10 mm x 3 mm, no contact to DIN rail	
790-400	20



Snapping the fixing bracket into position.



Release the fixing bracket by pushing the operating tool down ① and then forward ②.

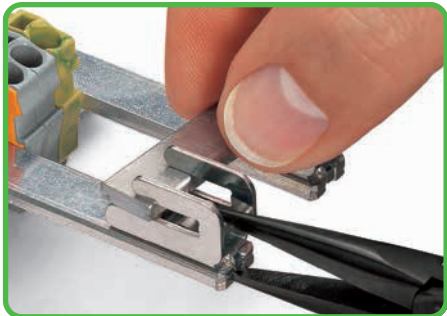


Dimensions in mm

Busbar carrier	Busbar carrier
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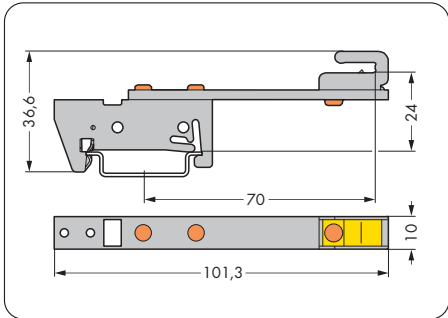
Item No.	Pack. Unit	Item No.	Pack. Unit
Busbar carrier, single side, straight, for busbars Cu 10 mm x 3 mm, distance between center of DIN rail and busbar carrier: 70 mm		Busbar carrier, single side, angled, for busbars Cu 10 mm x 3 mm, distance between center of DIN rail and busbar carrier: 70 mm	
790-300	10	790-301	10
Busbar carrier, single side, straight, for busbars Cu 10 mm x 3 mm, distance between center of DIN rail and busbar carrier: 80 mm			
790-302	10		



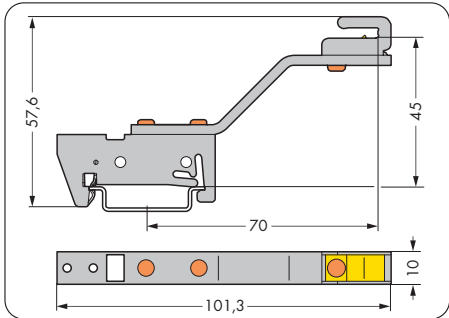
To remove the busbar, compress the spring using pliers.



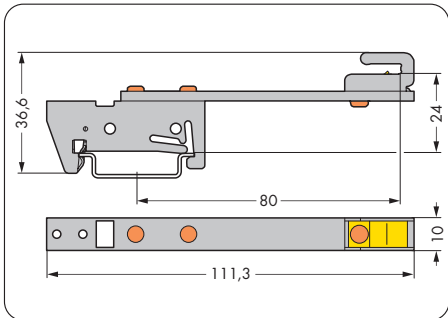
Remove the busbar carrier using an operating tool, type 3, blade (5.5 x 0.8) mm.



Dimensions in mm



Dimensions in mm



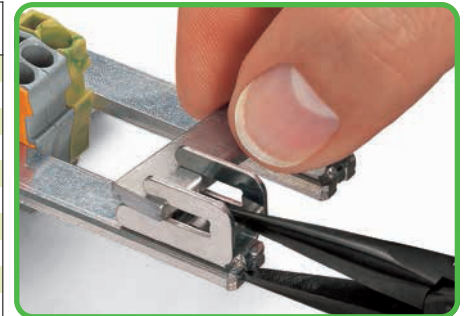
Dimensions in mm

Busbar Carriers 790 Series

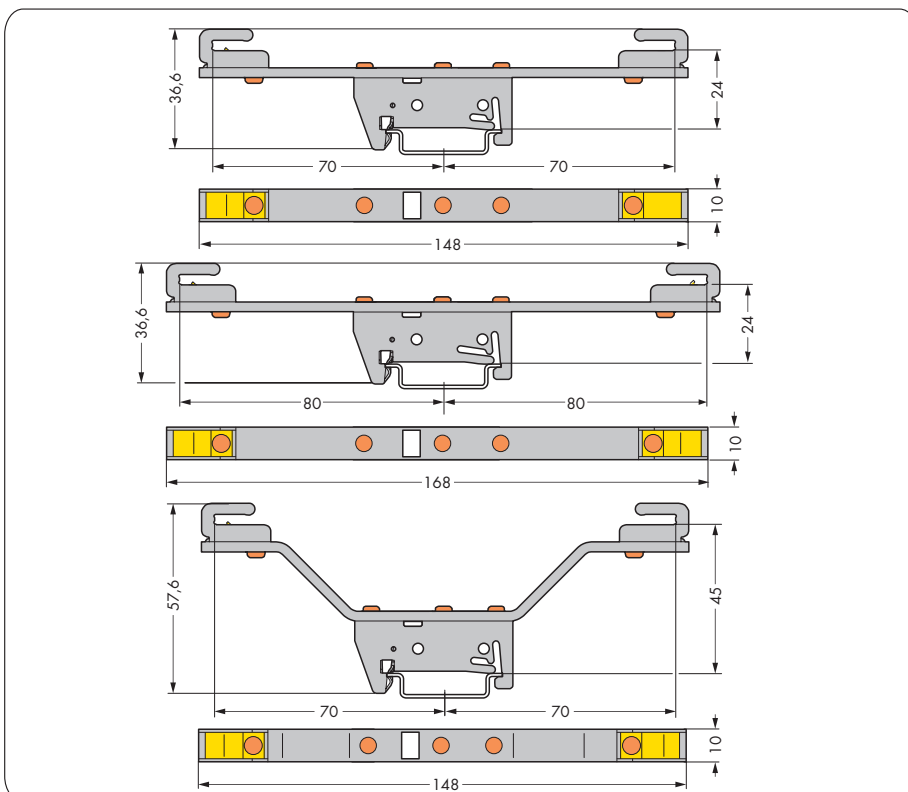
Busbar carrier	Busbar carrier
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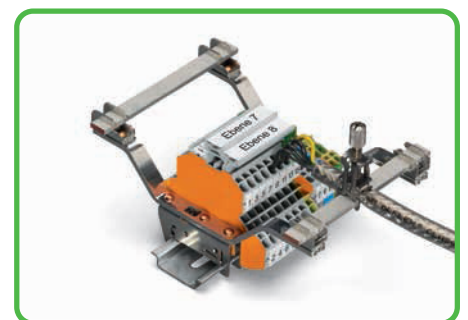
Item No.	Pack. Unit	Item No.	Pack. Unit
Busbar carrier, both sides, straight, for busbars Cu 10 mm x 3 mm, distance between center of DIN rail and busbar carrier: 70 mm		Busbar carrier, both sides, angled, for busbars Cu 10 mm x 3 mm, distance between center of DIN rail and busbar carrier: 70 mm	
790-310	10	790-311	10
Busbar carrier, both sides, straight, for busbars Cu 10 mm x 3 mm, distance between center of DIN rail and busbar carrier: 80 mm			
790-312	10		



To remove the busbar, compress the spring using pliers.



Dimensions in mm

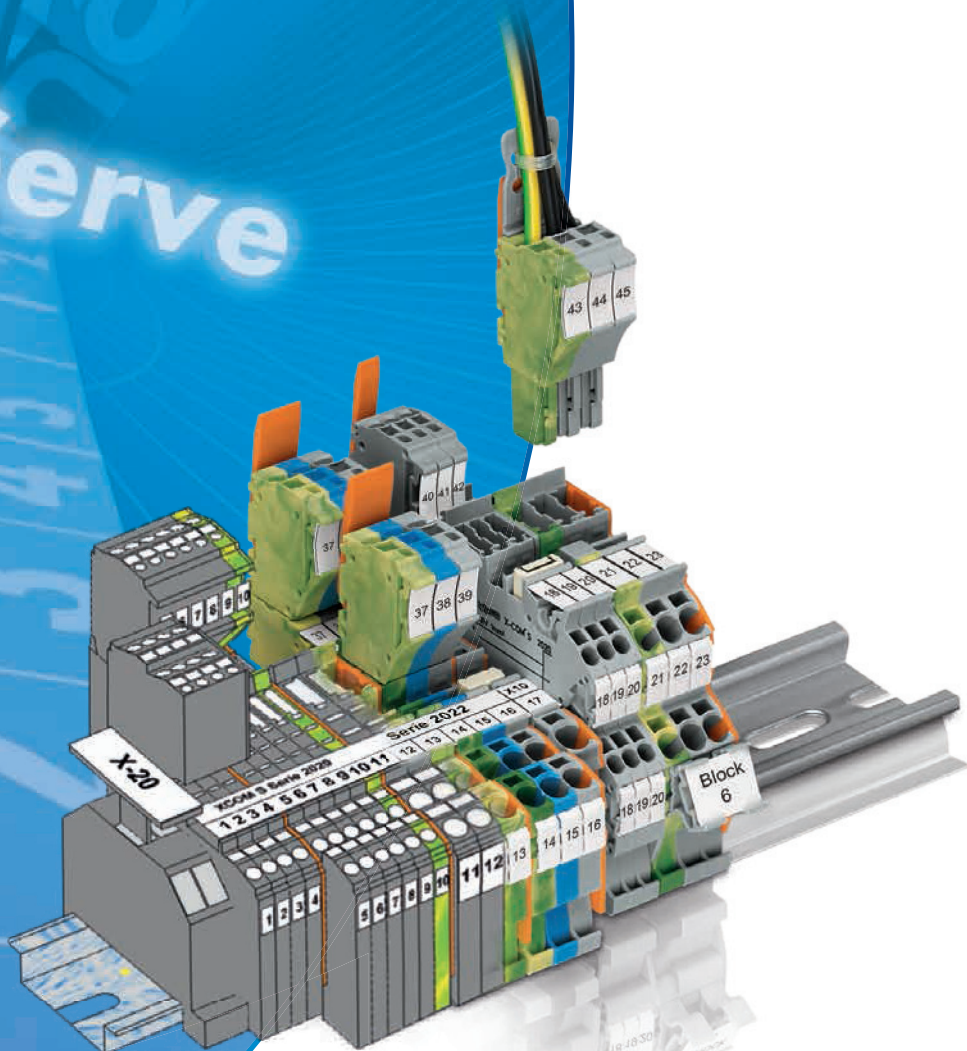


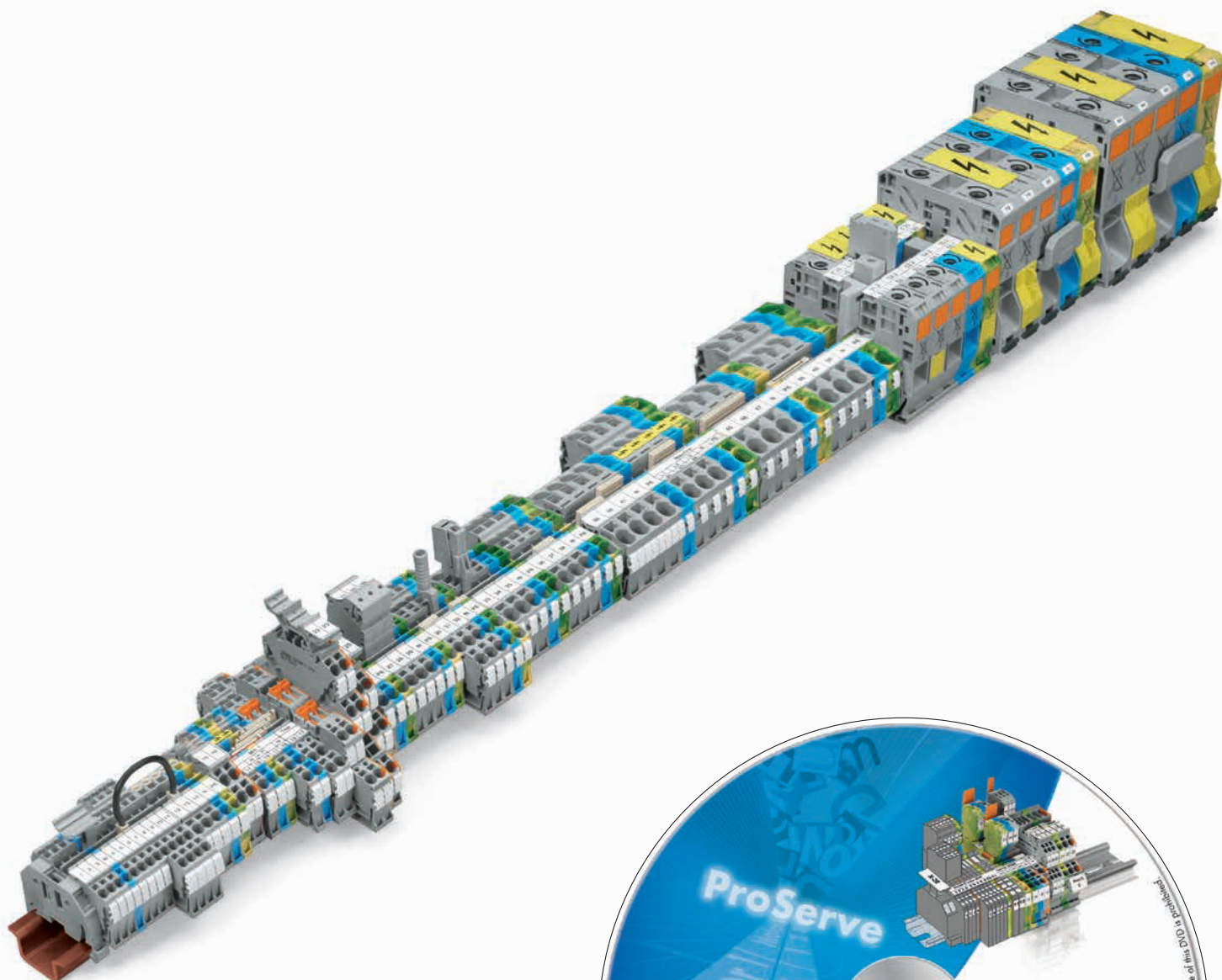
Application example

WAGO ProServe®

Designing, Assembling and Marking

ProServe





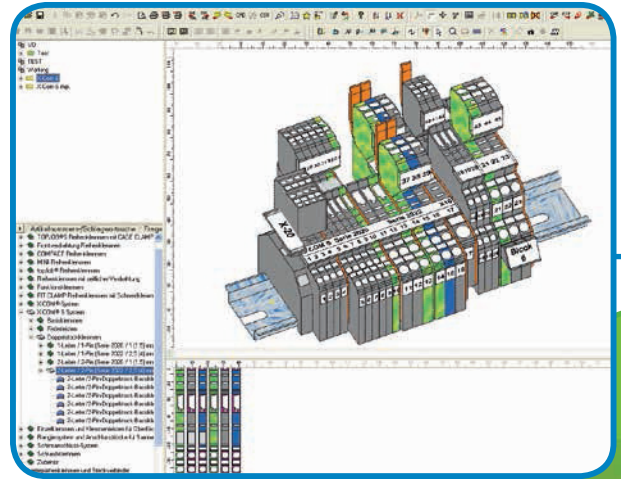
The advantages of ProServe are at your disposal every day. With unique features such as AutoAudit accuracy checking, ProServe performs much of the work for you, saving time and money.

Immediate access to professional and sophisticated features allows for error-free applications, greater flexibility in your daily business and better customer service. With 50 years of WAGO expertise at your disposal, put ProServe to work for you in your next application.

Benefits:

- Quick design
- Quick ordering
- User-friendly
- Extensive and user-specific documentation
- Network compatibility
- Different software products on a single CD (smartDESIGNER, productLOCATOR, smartSCRIPT)
- A price list is included

...all for free!



ProServe® – Planning

at a New Level



smartDESIGNER

productLOCATOR



RUPLAN



Engineering Base



ELCAD



smartDESIGNER and productLOCATOR

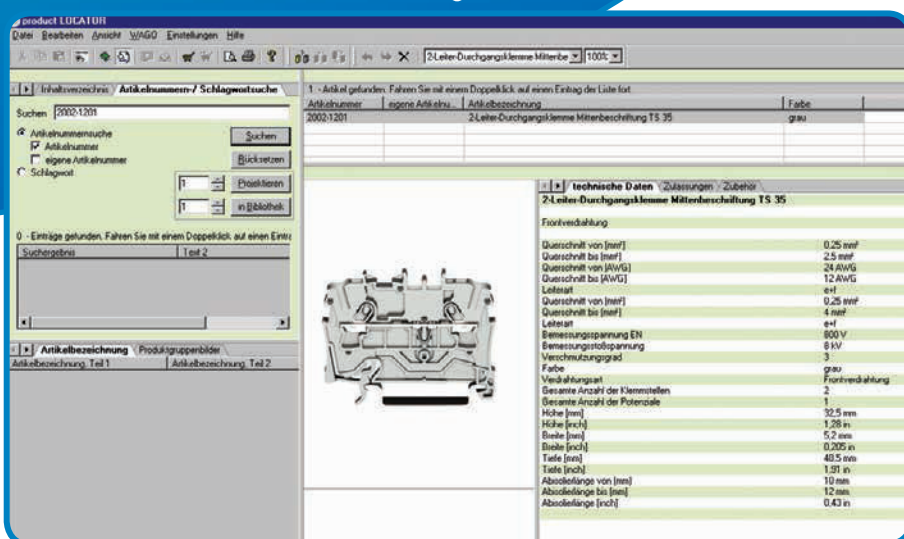
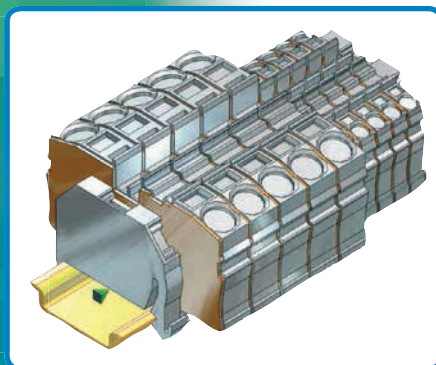
- Interfaces to CAE and M-CAD programs
- Output in PDF and HTML
- Different search functions provide quick item selection
- Creation of part lists including product pictures and custom part numbers
- Complex rail assemblies can be easily designed in 3D
- Easy creation of custom part numbers
- Creation of custom items to design third-party products
- Default parts (favorites) can be defined individually, streamlining design time
- Intelligent, user-optimized accuracy check features
- 18 languages available
- 25.000 sales items

Marking:

- Direct creation and output of marking data to plotter or thermal transfer printer



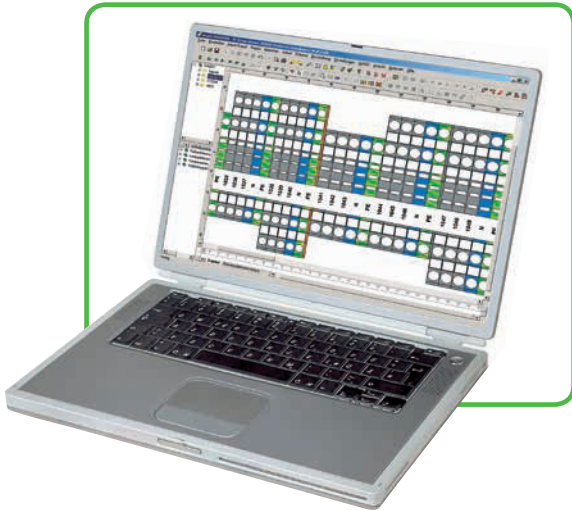
STEP – IGES – DXF – DWG



13 ProServe: Planning at a New Level

522

Configuration and marking of rail assemblies and I/O nodes, stand-alone or combined with CAE systems.



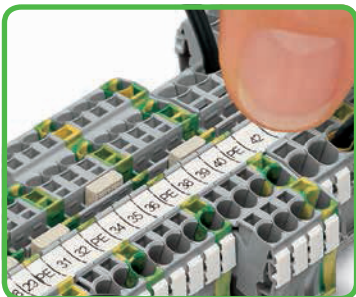
Designing:

Both custom rail assembly and marking can be easily designed via WAGO ProServe® Software.



Snapping:

The marking strip is snapped into the center marker receptacle profile.



Combining marking strips with individual WMB markers

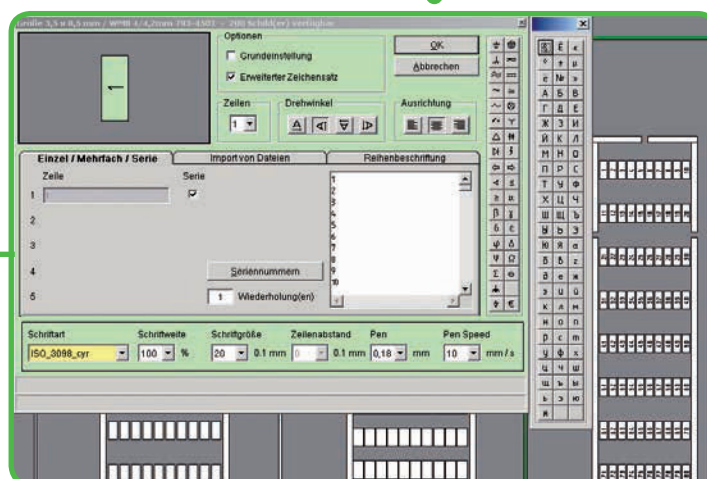


Alternative: Miniature WSB markers can be printed on a plotter



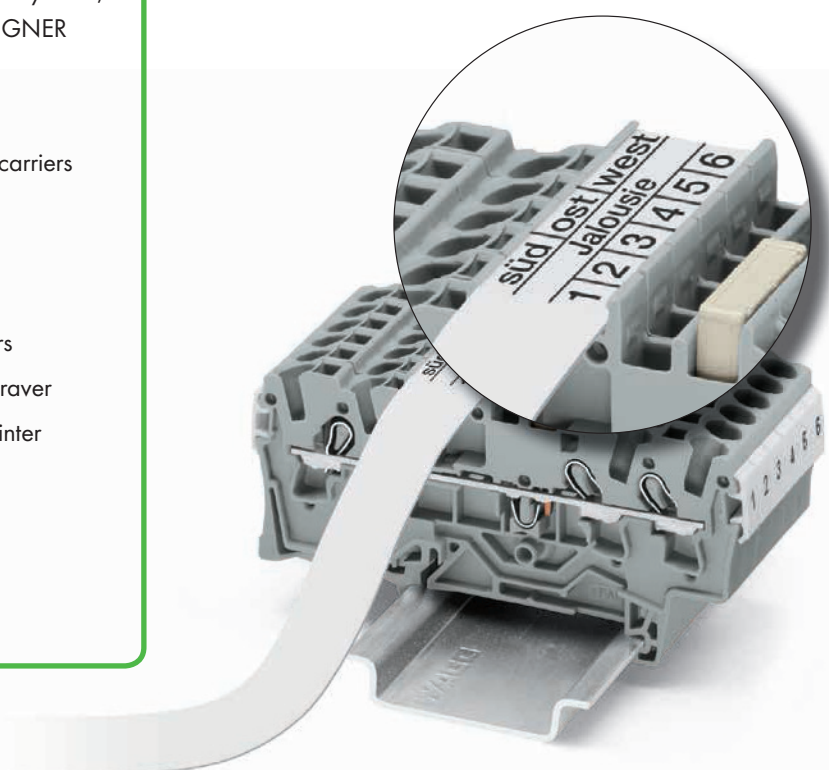
WMB Inline markers on continuous reel can be used in three positions: In the center and on each side





smartMARKING

- Extensive import functions from CAE systems, MS Office and WAGO smartDESIGNER
- WYSIWYG marking
- Automatic plotter calibration
- Extensive library including marker carriers
- Symbol library
- Text length verification
- Several languages available
- Output of East European characters
- Fully compatible with EG 450 Engraver
- Direct output to thermal transfer printer
- Creation of custom markers for engraver/plotter








Printing:

Marking strips (2009 Series) or WMB Inline markers on continuous reel are printed on a thermal transfer printer.

Three-Line Printing:

... for clear marking.
This makes it immediately clear which function corresponds with each terminal block.



Description	Item No.	Pack. Unit
smartPRINTER		
includes:		
- Power supply unit and cable		
- USB cable		
- 1 x marking strip roll and WMB Inline markers		
- 2 x rollers		
- 1 x roll holder		
- 1 x ink ribbon		
- smartSCRIPT marking software and driver		
	258-5000	1
Accessories		
Ink ribbon for smartPRINTER		
	258-5005	1
Roller for markingSTRIP		
	258-5006	1
Roller for WMB Inline		
	258-5007	1
Roller for Mini-WSB Inline		
	258-5008	1
Carrying case for smartPRINTER		
light gray, with foam padding for printer		
Dimensions (W x H x D): 50 x 26 x 33 cm		
	258-5015	1

Technical Data

Printing method	Thermal transfer
Print head	Glass layer, spring-mounted
Print speed	max. 127 mm/s
	(WAGO recommends 50.8 mm/s)
Print width (max.)	47 mm
Print length (max.)	762 mm
Print resolution	300 dpi (12 pixels/mm)
Transmissive/Reflective sensor	yes, centrally fixed
Operating display	Color TFT LCD with navigation button
Memory	8 MB Flash, 16 MB SDRAM
Interfaces	USB, RS-232, ETHERNET 10/100 Mbps
Operating voltage	100 ... 240 VAC, 50 ... 60 Hz
	(automatic adjustment)
Dimensions (W x H x D)	135 x 175 x 245 mm
Weight	2,000 g (without printing material)
Operating temperature	5 °C ... 40 °C (41 °F ... 104 °F)
Storage temperature	-20 °C ... 50 °C (-4 °F ... 122 °F)
Safety approvals	CE (EMC)
Ink ribbon	External roll diameter: 40 mm; Internal core diameter: 0.5" (12.7 mm); Max. length: 110 m; Max. width: 58 mm

Thermal Transfer Printer WAGO TP 298



Description	Item No.	Pack. Unit	Technical Data	
TP 298 Thermal Transfer Printer			Printing method	Thermal/thermal transfer
Resolution 300 dpi,			Printhead system	Thick-film
incl. ProServe software			Print resolution	300 dpi
and 258-178 print roller			Print speed	100 mm/sec.
for WMB Inline and 2009 and 709 Series marking strips			Print width	108.4 mm
	258-298	1	See-through/reflective sensor	standard
			Processor 32 Bit ColdFire/clock rate	64 MHz
			RAM memory	8 MB RAM
			Program memory	4 MB Flash
			Slot for memory card	CompactFlash Type 1
			Interfaces	ETHERNET 10/100 Base T, RS-232 (COM), USB
			Accessories (optional)	Cutter, external unwinder, external rewinder, CompactFlash memory card
				16-512 MB
			Operating voltage	100 V ... 240 V AC / 50 Hz ... 60 Hz, PFC
			Dimensions (W x H x D)	242 x 274 x 446 mm
			Weight	10000 g
			Operating temperature	10°C ... 35°C
			Rel. humidity	30 % ... 85 %
			Safety approvals	CE, FCC class 1
			Ink ribbon	1 x USB cable; 1 x serial cable; marking strips (1 x 2009-110); ink ribbon (1 x 258-149)

Item No.	Width	Ink Ribbon	Marking Accessories	Printer
258-143	60 mm	resin/wax	Labels (paper)	all types
258-144	100 mm	resin/wax	Labels (paper) for cable marking 211-155 / 211-156	all types
258-145	38 mm	resin	2009 Series marking strip 2009-xxx 709 Series marking strip 709-xx WMB Inline	TP 298+
258-149	50 mm	resin	2009 Series marking strip 2009-xxx 709 Series marking strip 709-xx WMB Inline	TP 298+
258-150	76 mm	resin	Marking cards for wire marking 211-111 and 211-121 Labels (polyester) up to 76 mm	all types
258-157	100 mm	resin	Labels (polyester) up to 100 mm	all types

Mobile Printer DYMO RHINO 6000



Print-out preparation:

First, insert the label cartridge. To do this, open the cover on the device and insert the cartridge as shown. Ensure the cartridge visibly and audibly locks into place. The two blue catches must latch on to the top edge of the cartridge. Then close the cover.

Note: You can also work with the unit while it is charging.

Please use the latest driver.

Download: www.wago.com under SERVICE / Download / ProServe



Description	Item No.	Pack. Unit
DYMO RHINO 6000 Mobile Printer Includes: Hard carrying case, AC adapter, battery, RHINO CONNECT software and two marking cartridges with 9 mm and 24 mm adhesive strips	258-6000	1
WAGO supplementary set for DYMO RHINO 6000 Includes: ProServe CD, ProServe flyer and quick installation guide for adding on to an existing manual printer	258-6100	1

Technical Data	
Resolution	180 dpi
Tape sizes	9 mm, 11 mm, 19 mm, 24 mm (other sizes upon request)
Tape styles	Permanent polyester, flexible nylon, vinyl, heat shrink tube
Keyboard style	ABC
Tape cutter	yes
Shock protection	yes
Memory	1000 labels (1 MB)
Symbols	yes
Barcodes	yes (e.g. Code 39, Code 128, EAN 8 + 13)
Number of font styles	4
Number of font sizes	7
Number of printed lines	5
Print preview	yes
PC connection	USB
Display	65 mm x 35 mm
Weight	3500 g
Operating time	8 hours
Battery charge indicator	yes



Accessories for DYMO RHINO 6000

Marking strips

Self-adhesive marking

Self-adhesive marking

Heat shrink tube

Heat shrink tube



Description		Item No.
Marking strips	white, 11 mm width x 5.5 m	258-611
Self-adhesive marking	white, 9 mm width x 7 m	258-612
Self-adhesive marking	white, 19 mm width x 7 m	258-613
Heat shrink tube	white, 9 mm width x 1.5 m	258-614
Heat shrink tube	white, 19 mm width x 1.5 m	258-615

Ink ribbon for labels

Ink ribbon for marker strips



Description		Item No.
Ink ribbon for marker strips and WMB Inline	resin, 38 mm x 300 m	258-145
	resin, 50 mm x 300 m	258-149
Ink ribbon for cable marking	76 mm wide x 300 m	258-150
	100 mm wide x 300 m	258-157
Ink ribbon for labels	resin/wax, width 60 mm x 300 m	258-143
	resin/wax, width 100 mm x 300 m	258-144

All ink ribbons are suitable for TP 298 printer. For detailed ordering information, please refer to the

“Application table for ink ribbon/marketing accessories/printer”

External coil mounting system

Cutter TP 298

Spare roller TP 298



Description		Item No.
External coil mounting system	for 8.000 WMB Inline markers (2009-135)	258-169
Cutter TP 298		258-161
Spare roller TP 298 for labels	(up to device series no. 40,000)	258-162
Spare roller TP 298 for labels	(from device series no. 40,000)	258-177
Spare roller TP 298 for WMB Inline	(up to device series no. 40,000)	258-166
Spare roller TP 298 for WMB Inline	(from device series no. 40,000)	258-178
Carrying case for TP 298		258-171
Retractable handle for carrying case TP 298		258-173

WMB Inline

Marking strips



Description		Item No.
WMB Inline, pitch 4 mm , stretchable 4 mm ... 4.2 mm, on roll	white, 2,000 markers	2009-114
WMB Inline, pitch 5 mm , stretchable 5 mm ... 5.2 mm, on roll	white, 1,500 markers	2009-115
WMB Inline, pitch 5 mm , stretchable 5 mm ... 5.2 mm, on roll	white, 8,000 markers	2009-135
Marking strips for TOPJOB®S Series, white, plain, 11 mm wide	50 m coil	2009-110
Marking strips for 870, 869, 862, 270 Series, white, plain, 7.5 mm wide	50 m coil	709-178
Marking strips for 870, 869, 862, 270 Series, transparent, plain, 7,5 mm wide	50 m coil	709-177

Accessories

Marker card



Marker card (12 mm) for plotters



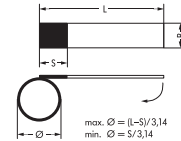
Labels on roll



Labels on DIN A4 sheets



Dimensions of self-laminating label



Description		Item No.
Marker card for thermal printer	12 mm	211-111
	23 mm	211-121
Marker card for TT Printer (258-370 carrier plates are required for plotting)	12 mm	211-110
	23 mm	211-120
Labels on roll for thermal transfer printer	Marker surface: "S"=8 mm, "B"=18 mm, "L"=35 mm for max. 9 mm cable Ø, 9,000 labels per roll	211-155
	Marker surface: "S"=13 mm, "B"=23 mm, "L"=51 mm for max. 12 mm cable Ø, 5,000 labels per roll	211-156
Labels on DIN A4 sheets for laser printer (258-383 carrier plates are required for plotting)	Marker surface: "S"=9 mm, "B"=17 mm, "L"=35 mm for max. 8 mm cable Ø, 70 labels per roll	211-150
	Marker surface: "S"=13 mm, "B"=21 mm, "L"=56 mm for max. 14 mm cable Ø, 70 labels per roll	211-151
Marking sleeve 12 mm, for wire Ø	1.6 mm ... 3.2 mm or 0.25 mm ² ... 1.5 mm ²	211-112
	2.2 mm ... 4.5 mm or 0.5 mm ² ... 4 mm ²	211-113
	3.7 mm ... 5.9 mm or 2.5 mm ² ... 6 mm ²	211-114
	4.8 mm ... 7.5 mm or 6 mm ² ... 16 mm ²	211-115
Marking sleeve 23 mm, for wire Ø	1.6 mm ... 3.2 mm or 0.25 mm ² ... 1.5 mm ²	211-122
	2.2 mm ... 4.5 mm or 0.5 mm ² ... 4 mm ²	211-123
	3.7 mm ... 5.9 mm or 2.5 mm ² ... 6 mm ²	211-124
	4.8 mm ... 7.5 mm or 6 mm ² ... 16 mm ²	211-125
Marking sleeve for cable tie	23 mm, for 10 mm ² wires and larger	211-129
Cable tie (2.5 x 100) mm		807-090/101-100
Label for I/O Marking (258-371 carrier plates are required for plotting)	Plotter, 12 x 7 mm	211-211
Marking strips	15 mm, white 50 m roll	210-701
Receptacle for marking strips	transp. 1 m long	709-120
Carrier through element	adjustable in height	709-118
Carrier end element	adjustable in height	709-119
Contonuous label	3 mm, white 12 lengths at 25 m	210-732
Label roll	70 x 100 mm, white 500 labels/reel	210-703
Label roll	70 x 100 mm, silver 500 labels/reel	210-704
Label roll	6 x 15 mm, white 3000 labels/reel	210-705
Label roll	6 x 15 mm, yellow 3000 labels/reel	210-705/000-002
Label roll	9 x 15 mm, white 3000 labels/reel	210-706
Label roll	9 x 15 mm, yellow 3000 labels/reel	210-706/000-002
Label roll	8 x 20 mm, white 3000 labels/reel	210-707
Label roll	8 x 20 mm, yellow 3000 labels/reel	210-707/000-002
Label roll	9.5 x 25 mm, white 3000 labels/reel	210-708
Label roll	35 x 5 mm, white 4000 labels/reel	210-710

WAGO plotter pen
(disposable)
0.18 mm line width



WAGO plotter pen
(disposable)
0.25 mm line width



WAGO plotter pen
(disposable)
0.35 mm line width



Service Kit



Graver set



Description		Item No.
WAGO plotter pen (disposable)	0.18 mm line width	258-226
	0.25 mm line width	258-227
	0.35 mm line width	258-228
	0.5 mm line width	258-229
WAGO ink cartridges	black, for permanent marking, not refillable (5 x 1 ml)	258-141
WAGO plotter pen	0.18 mm line width	258-326
	0.25 mm line width	258-327
	0.35 mm line width	258-328
	0.5 mm line width	258-329
Cover		258-146
Service kit	(4 spare pen stations)	258-147
Cleaning set	suitable for cleaning all EK pens	258-139
WAGO pen cleaner		258-140
Calibration aid		258-453
Graver set	0.2/0.3/0.4/0.5/0.7/1 mm line width	258-452
Graver	0.2 mm graver width	258-452/000-002
	0.3 mm graver width	258-452/000-003
	0.4 mm graver width	258-452/000-004
	0.5 mm graver width	258-452/000-005
	0.7 mm graver width	258-452/000-007
	1 mm graver width	258-452/000-010
Vacuum cleaner bag for Engraver EG 450		258-457
Graver (stainless steel)	0.2 mm graver width	258-458/000-002
	0.4 mm graver width	258-458/000-004
WAGO plotter pen (disposable, black)	0.18 mm line width, for inside marking only	258-426
WAGO plotter pen (disposable, black)	0.25 mm line width, for inside marking only	258-427
WAGO plotter pen (disposable, black)	0.35 mm line width, for inside marking only	258-428
WAGO plotter pen (disposable, black)	0.5 mm line width, for inside marking only	258-429
WAGO plotter pen (disposable, red)	0.18 mm line width, for inside marking only	258-426/000-005
WAGO plotter pen (disposable, red)	0.25 mm line width, for inside marking only	258-427/000-005
WAGO plotter pen (disposable, red)	0.35 mm line width, for inside marking only	258-428/000-005
WAGO plotter pen (disposable, red)	0.5 mm line width, for inside marking only	258-429/000-005

Accessories

Marker card carrier plates
for plotter IP 350



Description		Item No.	
Carrier plates for marker cards	WSB 5 mm/0.197 in (209-501)	258-361	
	WSB 4 mm/0.157 in (209-701)	258-362	
	Miniature WSB (248-501)	258-363	
	WCB (249-200)	258-366	
	WMB 5/5.2 mm (793-5501); WMB 4/4.2 mm (793-4501); WMB 3.5 mm (793-3501)	258-368	
	T-marking strips 209-290	258-365	
	Marking strips (2009-110 + 2009-130 and 790-...)	258-410	
	WTB (799-501)	258-367	
	Group marking carriers (209-112)	258-364	
	Marker tags (209-199 + 209-200)	258-369	
	Carrier plates for murrplastik	MP-400; KS 4/12, 4/18, 4/23, 4/30	258-370
		MP-401; KES, KLG, KMR, KPX, KS 15x17/27/49/67, KSA, KSF, KSI, KSK, KSO, KSS, KTE, KWI, SKS, WGO, KAB	258-371
BS 5/6		258-397	
KSEX; 10/500		258-470	
KPX		258-396	
KSEX; 18/500		258-471	
Universal engraver and plotter carrier plates		90 mm x 100 mm x 3	258-454
	60 mm x 100 mm x 4	258-455	
	30 mm x 100 mm x 9	258-456	
Carrier plates for Phoenix	ZBM	258-372	
	ZB	258-373	
	ZBN	258-374	
	ZBFM	258-375	
	BNZ	258-377	
	BN-ZB	258-378	
	SS-ZB	258-379	
	LBHZ	258-380	
	PAB	258-381	
GPE	258-382		
Universal engraver and plotter carrier plates	DIN A4	258-383	
	DIN A3	258-472	
Carrier plates for Weidmüller	MC Universal	258-387	
	MC SF4-6	258-388	
Carrier plates for Wörtz/Allen Bradley	Universal	258-389	
Carrier plates for Möller	XB M22-XST	258-390	
Carrier plates for Partex	PA+1	258-391	
	PA+2	258-392	
Carrier plates for ABB Entelec	Universal	258-394	
	Siemens SPS	258-473	
Carrier plates for Contra-Clip	Universal	258-398	
	PK2 PVC	258-393	
	PA+ 2	258-399	

13 Marking Accessories – Description and Handling –

532

WMB Multi marking system



Separating a strip from the WMB or WMB marker card.



Stretching a strip.

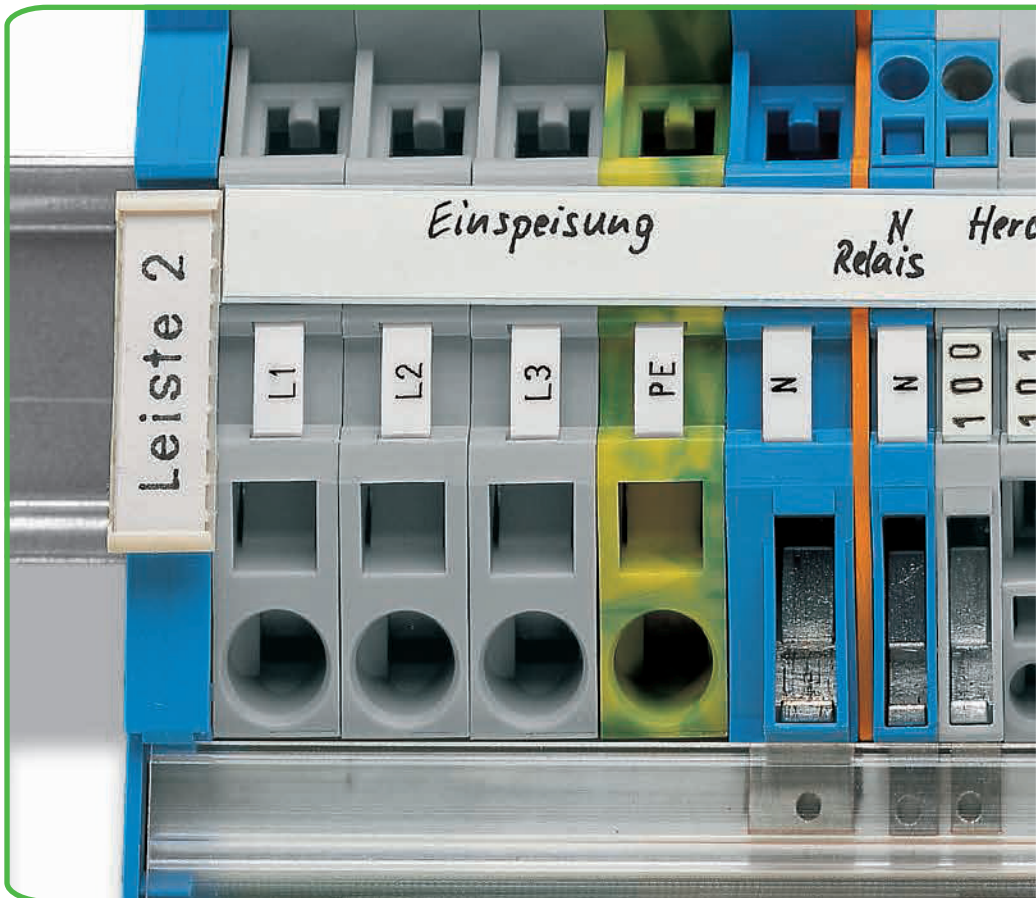


Separating an individual marker from the strip, for larger terminal blocks.

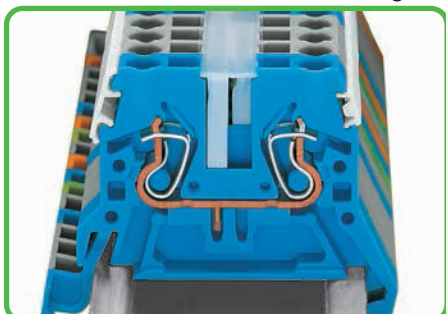
Miniature WSB (WAGO Quick marking system)



Marking with miniature WSB Quick marking system.



Miniature WSB or WMB marking



WMB markers in miniature WSB marker receptacles
Marking strips, translucent
Miniature WSB markers

WFB (WAGO continuous marking strips)



Customized ink pen marking



Carrier for WFB Continuous marking strip; to be secured every 10th terminal block.

Group marking



Group marking on N-busbar carrier used as end stop

WMB Multi marking system



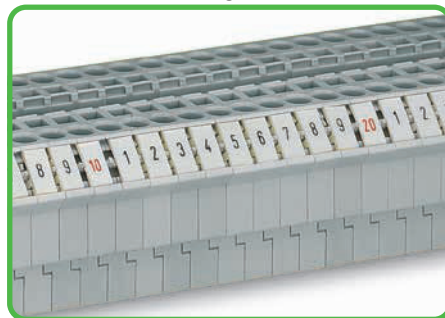
Snapping a strip into the marker slot.

Double marker carrier

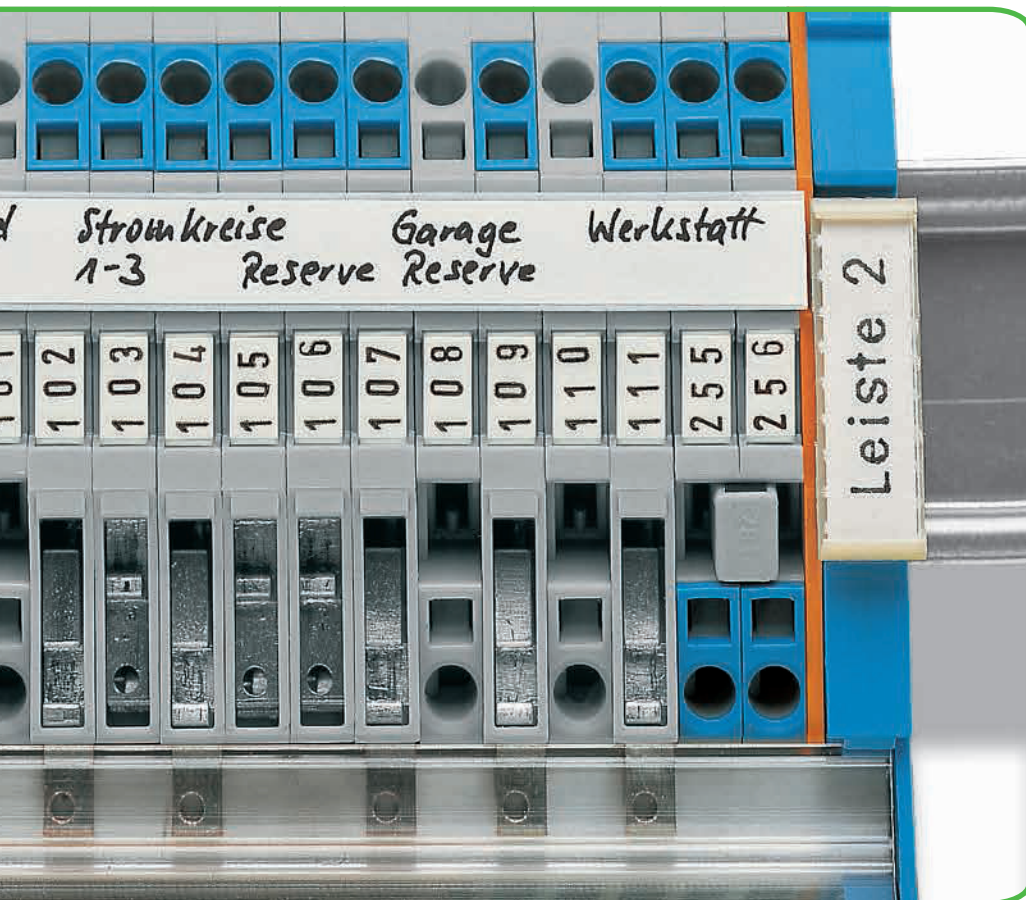


Snapping a strip into the marker slot of the double marker carrier.

"Decade" marking



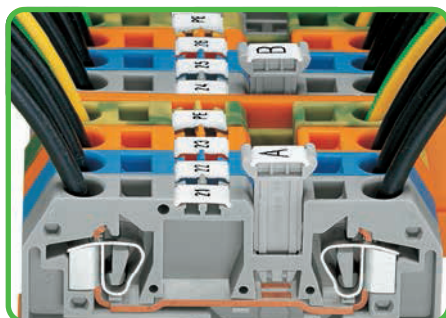
WMB "decade" marking carrier



Group marker carriers



Group marker carrier adjustable in height



Additional group marking

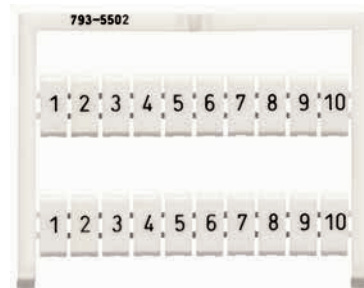
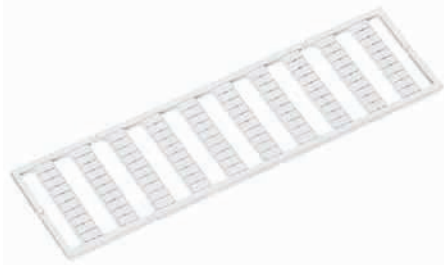
Movable marking system



Additional continuous marking strips

WAGO WMB Multi Marking System for Terminal Block Width 3.5 mm, 4 – 4.2 mm, 5 mm and Higher

horizontal marking
consecutive numbers on each strip
10 strips with 10 markers per card
for terminal widths 5 - 17.5 mm and
5 - 5.2 mm and 4 - 4.2 mm and 3.5 mm

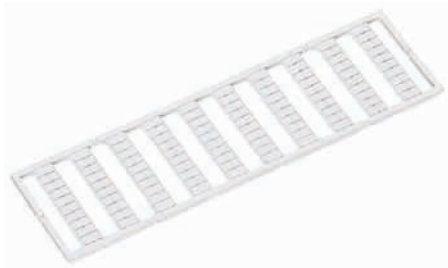


- ❶ For continuous marking of 270, 280, 780, 869, 870 and 880 Series terminal blocks
Individual marking of 281 – 285, 781 – 785, 2002, 2003, 2022, 2004, 2006, 2010 and 2016 Series terminal blocks
- ❷ For continuous marking of 270, 280, 780, 869, 870, 880, 2002, 2003 and 2022 Series terminal blocks
Individual marking of terminal blocks larger than 5 / 5.2 mm
- ❸ For continuous marking of 279 and 2001 Series terminal blocks
- ❹ For continuous marking of 2000 and 2020 Series terminal blocks

Marking	Marker Width 5 mm ❶	Marker Width 5 – 5.2 mm ❷	Marker Width 4 – 4.2 mm ❸	Marker Width 3.5 mm ❹
1 ... 10 (10x)	793-502	793-5502	793-4502	793-3502
11 ... 20 (10x)	793-503	793-5503	793-4503	793-3503
21 ... 30 (10x)	793-504	793-5504	793-4504	793-3504
31 ... 40 (10x)	793-505	793-5505	793-4505	793-3505
41 ... 50 (10x)	793-506	793-5506	793-4506	793-3506
51 ... 60 (10x)	793-569	793-5569	793-4569	
61 ... 70 (10x)	793-570	793-5570	793-4570	
71 ... 80 (10x)	793-571	793-5571	793-4571	
81 ... 90 (10x)	793-572	793-5572	793-4572	
91 ... 100 (10x)	793-573	793-5573	793-4573	
1 ... 50 (2x)	793-566	793-5566	793-4566	793-3566
51 ... 100 (2x)	793-507	793-5507	793-4507	793-3507
101 ... 150 (2x)	793-508	793-5508	793-4508	793-3508
151 ... 200 (2x)	793-509	793-5509	793-4509	793-3509
201 ... 300 (1x)	793-510	793-5510	793-4510	793-3510
301 ... 400 (1x)	793-511	793-5511	793-4511	
401 ... 500 (1x)	793-512	793-5512	793-4512	
501 ... 600 (1x)	793-513	793-5513	793-4513	
601 ... 700 (1x)	793-514	793-5514	793-4514	
701 ... 800 (1x)	793-515	793-5515	793-4515	
801 ... 900 (1x)	793-516	793-5516	793-4516	
901 ... 1000 (1x)	793-517	793-5517	793-4517	
1 ... 9 (10x)	793-565	793-5565	793-4565	793-3565
for double-deck terminal blocks, 1, 3, 5, ..., 99 and 2, 4, 6, ..., 100 (1x)	793-599	793-5599	793-4599	793-3599
for triple-deck terminal blocks, 1, 4, 7, ..., 88 and 2, 5, 8, ..., 89 and 3, 6, 9, ..., 90 and 91, 94, 97, 92, 95, 98, 93, 96, 99, ; (1x)	794-557	794-5557		
100, 103, 106, ..., 187 and 101, 104, 107, ..., 188 and 102, 105, 108, ..., 189 and 190, 193, 196, 191, 194, 197, 192, 195, 198, ; (1x)	794-558	794-5558		

WAGO WMB Multi Marking System for Terminal Block Width 3.5 mm, 4 – 4.2 mm, 5 mm and Higher

vertical marking
consecutive numbers on each strip
10 strips with 10 markers per card
for terminal widths 5 - 17.5 mm and
5 - 5.2 mm and 4 - 4.2 mm and 3.5 mm

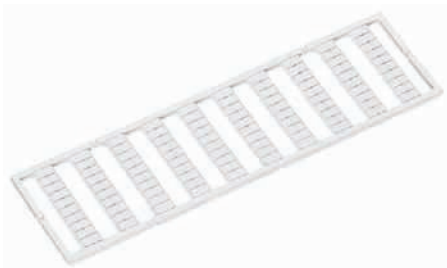


- ① For continuous marking of 270, 280, 780, 869, 870 and 880 Series terminal blocks
Individual marking of 281 – 285, 781 – 785, 2002, 2003, 2022, 2004, 2006, 2010 and 2016 Series terminal blocks
- ② For continuous marking of 270, 280, 780, 869, 870, 880, 2002, 2003 and 2022 Series terminal blocks
Individual marking of terminal blocks larger than 5 / 5.2 mm
- ③ For continuous marking of 279 and 2001 Series terminal blocks
- ④ For continuous marking of 2000 and 2020 Series terminal blocks

Marking	Marker Width 5 mm ①	Marker Width 5 – 5.2 mm ②	Marker Width 4 – 4.2 mm ③	Marker Width 3.5 mm ④
1 ... 10 (10x)	793-602	793-5602	793-4602	upon request
11 ... 20 (10x)	793-603	793-5603	793-4603	
21 ... 30 (10x)	793-604	793-5604	793-4604	
31 ... 40 (10x)	793-605	793-5605	793-4605	
41 ... 50 (10x)	793-606	793-5606	793-4606	
51 ... 60 (10x)	794-601	794-5601	794-4601	
61 ... 70 (10x)	794-602	794-5602	794-4602	
71 ... 80 (10x)	794-603	794-5603	794-4603	
81 ... 90 (10x)	794-604	794-5604	794-4604	
91 ... 100 (10x)	794-605	794-5605	794-4605	
1 ... 50 (2x)	793-666	793-5666	793-4666	
51 ... 100 (2x)	793-607	793-5607	793-4607	
101 ... 150 (2x)	793-608	793-5608	793-4608	
151 ... 200 (2x)	793-609	793-5609	793-4609	
201 ... 300 (1x)	793-610	793-5610	793-4610	
301 ... 400 (1x)	793-611	793-5611	793-4611	
401 ... 500 (1x)	793-612	793-5612	793-4612	
501 ... 600 (1x)	793-613	793-5613	793-4613	
601 ... 700 (1x)	793-614	793-5614	793-4614	
701 ... 800 (1x)	793-615	793-5615	793-4615	
801 ... 900 (1x)	793-616	793-5616	793-4616	
901 ... 1000 (1x)	793-617	793-5617	793-4617	
1001 ... 1100 (1x)	793-688	793-5688	793-4688	
1101 ... 1200 (1x)	793-669	793-5669	793-4669	
1201 ... 1300 (1x)	793-670	793-5670	793-4670	
1301 ... 1400 (1x)	793-671	793-5671	793-4671	
1401 ... 1500 (1x)	793-672	793-5672	793-4672	
1501 ... 1600 (1x)	793-901	793-5901	793-4901	
1601 ... 1700 (1x)	793-902	793-5902	793-4902	
1701 ... 1800 (1x)	793-903	793-5903	793-4903	
1801 ... 1900 (1x)	793-912	793-5912	793-4912	
1901 ... 2000 (1x)	793-913	793-5913	793-4913	
101, 101, 101, 102, ..., 130, 130, 130 (1x)	793-667	793-5667	793-4667	
131, 131, 131, 132, ..., 160, 160, 160 (1x)	793-668	793-5668	793-4668	
for double-deck terminal blocks,				
1, 3, 5, ..., 99 and 2, 4, 6, ..., 100 (1x)	793-699	793-5699	793-4699	
101, 103, 105, ..., 149 and 102, 104, 106, ..., 150 (2x)	793-900	793-5900	793-4900	
for triple-deck terminal blocks,				
1, 4, 7, ..., 88 and 2, 5, 8, ..., 89 and 3, 6, 9, ..., 90 and 91, 94, 97, 92, 95, 98, 93, 96, 99, ; (1x)	794-657	794-5657		
100, 103, 106, ..., 187 and 101, 104, 107, ..., 188 and 102, 105, 108, ..., 189 and 190, 193, 196, 191, 194, 197, 192, 195, 198, ; (1x)	794-658	794-5658		

WAGO WMB Multi Marking System for Terminal Block Width 3.5 mm, 4 – 4.2 mm, 5 mm and Higher

horizontal marking
same numbers per strip
10 strips with 10 markers per card
for terminal widths 5 - 17.5 mm and
5 - 5.2 mm and 4 - 4.2 mm and 3.5 mm

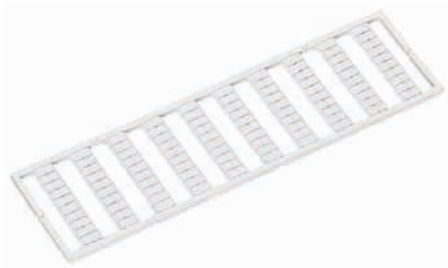


- ① For continuous marking of 270, 280, 780, 869, 870 and 880 Series terminal blocks
Individual marking of 281 – 285, 781 – 785, 2002, 2003, 2022, 2004, 2006, 2010 and 2016 Series terminal blocks
- ② For continuous marking of 270, 280, 780, 869, 870, 880, 2002, 2003 and 2022 Series terminal blocks
Individual marking of terminal blocks larger than 5 / 5.2 mm
- ③ For continuous marking of 279 and 2001 Series terminal blocks
- ④ For continuous marking of 2000 and 2020 Series terminal blocks

Marking	Marker Width 5 mm ①	Marker Width 5 – 5.2 mm ②	Marker Width 4 – 4.2 mm ③	Marker Width 3.5 mm ④
1/2 (50 each)	793-518	793-5518	793-4518	upon request
3/4 (50 each)	793-519	793-5519	793-4519	
5/6 (50 each)	793-520	793-5520	793-4520	
7/8 (50 each)	793-521	793-5521	793-4521	
9/10 (50 each)	793-522	793-5522	793-4522	
11/12 (50 each)	793-523	793-5523	793-4523	
13/14 (50 each)	793-524	793-5524	793-4524	
15/16 (50 each)	793-525	793-5525	793-4525	
17/18 (50 each)	793-526	793-5526	793-4526	
19/20 (50 each)	793-527	793-5527	793-4527	
21/22 (50 each)	793-528	793-5528	793-4528	
23/24 (50 each)	793-529	793-5529	793-4529	
25/26 (50 each)	793-530	793-5530	793-4530	
27/28 (50 each)	793-531	793-5531	793-4531	
29/30 (50 each)	793-532	793-5532	793-4532	
31/32 (50 each)	793-533	793-5533	793-4533	
33/34 (50 each)	793-534	793-5534	793-4534	
35/36 (50 each)	793-535	793-5535	793-4535	
37/38 (50 each)	793-536	793-5536	793-4536	
39/40 (50 each)	793-537	793-5537	793-4537	
41/42 (50 each)	793-538	793-5538	793-4538	
43/44 (50 each)	793-539	793-5539	793-4539	
45/46 (50 each)	793-540	793-5540	793-4540	
47/48 (50 each)	793-541	793-5541	793-4541	
49/50 (50 each)	793-542	793-5542	793-4542	
51/52 (50 each)	793-400	793-5400	793-4400	
53/54 (50 each)	793-401	793-5401	793-4401	
55/56 (50 each)	793-402	793-5402	793-4402	
57/58 (50 each)	793-403	793-5403	793-4403	
59/60 (50 each)	793-404	793-5404	793-4404	
61/62 (50 each)	793-405	793-5405	793-4405	
63/64 (50 each)	793-406	793-5406	793-4406	
65/66 (50 each)	793-407	793-5407	793-4407	
67/68 (50 each)	793-408	793-5408	793-4408	
69/70 (50 each)	793-409	793-5409	793-4409	
71/72 (50 each)	793-410	793-5410	793-4410	
73/74 (50 each)	793-411	793-5411	793-4411	
75/76 (50 each)	793-412	793-5412	793-4412	
77/78 (50 each)	793-413	793-5413	793-4413	
79/80 (50 each)	793-414	793-5414	793-4414	
81/82 (50 each)	793-415	793-5415	793-4415	
83/84 (50 each)	793-416	793-5416	793-4416	
85/86 (50 each)	793-417	793-5417	793-4417	
87/88 (50 each)	793-418	793-5418	793-4418	
89/90 (50 each)	793-419	793-5419	793-4419	
91/92 (50 each)	793-420	793-5420	793-4420	
93/94 (50 each)	793-421	793-5421	793-4421	
95/96 (50 each)	793-422	793-5422	793-4422	
97/98 (50 each)	793-423	793-5423	793-4423	
99/100 (50 each)	793-424	793-5424	793-4424	

WAGO WMB Multi Marking System for Terminal Block Width 3.5 mm, 4 – 4.2 mm, 5 mm and Higher

vertical marking
same numbers per strip
10 strips with 10 markers per card
for terminal widths 5 - 17.5 mm and
5 - 5.2 mm and 4 - 4.2 mm and 3.5 mm

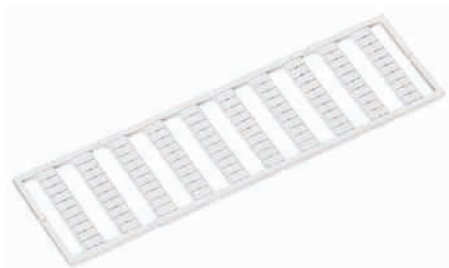


- ① For continuous marking of 270, 280, 780, 869, 870 and 880 Series terminal blocks
Individual marking of 281 – 285, 781 – 785, 2002, 2003, 2022, 2004, 2006, 2010 and 2016 Series terminal blocks
- ② For continuous marking of 270, 280, 780, 869, 870, 880, 2002, 2003 and 2022 Series terminal blocks
Individual marking of terminal blocks larger than 5 / 5.2 mm
- ③ For continuous marking of 279 and 2001 Series terminal blocks
- ④ For continuous marking of 2000 and 2020 Series terminal blocks

Marking	Marker Width 5 mm ①	Marker Width 5 – 5.2 mm ②	Marker Width 4 – 4.2 mm ③	Marker Width 3.5 mm ④
1/2 (50 each)	793-618	793-5618	793-4618	upon request
3/4 (50 each)	793-619	793-5619	793-4619	
5/6 (50 each)	793-620	793-5620	793-4620	
7/8 (50 each)	793-621	793-5621	793-4621	
9/10 (50 each)	793-622	793-5622	793-4622	
11/12 (50 each)	793-623	793-5623	793-4623	
13/14 (50 each)	793-624	793-5624	793-4624	
15/16 (50 each)	793-625	793-5625	793-4625	
17/18 (50 each)	793-626	793-5626	793-4626	
19/20 (50 each)	793-627	793-5627	793-4627	
21/22 (50 each)	793-628	793-5628	793-4628	
23/24 (50 each)	793-629	793-5629	793-4629	
25/26 (50 each)	793-630	793-5630	793-4630	
27/28 (50 each)	793-631	793-5631	793-4631	
29/30 (50 each)	793-632	793-5632	793-4632	
31/32 (50 each)	793-633	793-5633	793-4633	
33/34 (50 each)	793-634	793-5634	793-4634	
35/36 (50 each)	793-635	793-5635	793-4635	
37/38 (50 each)	793-636	793-5636	793-4636	
39/40 (50 each)	793-637	793-5637	793-4637	
41/42 (50 each)	793-638	793-5638	793-4638	
43/44 (50 each)	793-639	793-5639	793-4639	
45/46 (50 each)	793-640	793-5640	793-4640	
47/48 (50 each)	793-641	793-5641	793-4641	
49/50 (50 each)	793-642	793-5642	793-4642	

WAGO WMB Multi Marking System for Terminal Block Width 3.5 mm, 4 – 4.2 mm, 5 mm and Higher

horizontal marking
same letters/symbols each strip
10 strips with 10 markers per card
for terminal widths 5 - 17.5 mm and
5 - 5.2 mm and 4 - 4.2 mm and 3.5 mm

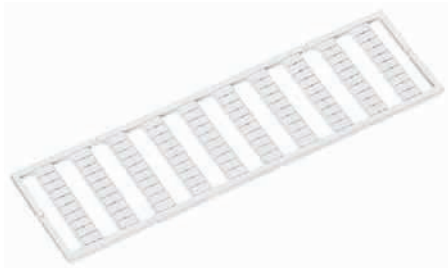


- ① For continuous marking of 270, 280, 780, 869, 870 and 880 Series terminal blocks
Individual marking of 281 – 285, 781 – 785, 2002, 2003, 2022, 2004, 2006, 2010 and 2016 Series terminal blocks
- ② For continuous marking of 270, 280, 780, 869, 870, 880, 2002, 2003 and 2022 Series terminal blocks
Individual marking of terminal blocks larger than 5 / 5.2 mm
- ③ For continuous marking of 279 and 2001 Series terminal blocks
- ④ For continuous marking of 2000 and 2020 Series terminal blocks

Marking	Marker Width 5 mm ①	Marker Width 5 – 5.2 mm ②	Marker Width 4 – 4.2 mm ③	Marker Width 3.5 mm ④
L1 (100x)	793-574	793-5574	793-4574	upon request
L2 (100x)	793-575	793-5575	793-4575	
L3 (100x)	793-576	793-5576	793-4576	
N (100x)	793-577	793-5577	793-4577	
PE (100x)	793-578	793-5578	793-4578	
PEN (100x)	793-579	793-5579	793-4579	
Ground (100x)	793-580	793-5580	793-4580	
R (100x)	793-581	793-5581	793-4581	
S (100x)	793-582	793-5582	793-4582	
T (100x)	793-583	793-5583	793-4583	
+/- (50x)	793-552	793-5552	793-4552	
a, b, c, e, u, v, w, x, y, z (10x)	793-543	793-5543	793-4543	
R, S, T, U, V, W, X, Y, Z, Mp (10x)	793-544	793-5544	793-4544	793-3544
A, B, P, N, PE, PEN, L1, L2, L3, Ground (10x)	793-545	793-5545	793-4545	793-3545
U, V, W, N, PE, U, V, W, N, PE (10x)	793-474	793-5474	793-4474	
L1, L2, L3, N, PE, L1, L2, L3, N, PE (10x)	793-472	793-5472	793-4472	
U1, V1, W1, U1, V1, W1, U1, V1, W1,... (10x)	793-487	793-5487	793-4487	
U2, V2, W2, U2, V2, W2, U2, V2, W2,... (10x)	793-494	793-5494	793-4494	
U3, V3, W3, U3, V3, W3, U3, V3, W3,... (10x)	793-495	793-5495	793-4495	
U4, V4, W4, U4, V4, W4, U4, V4, W4,... (10x)	793-496	793-5496	793-4496	
U5, V5, W5, U5, V5, W5, U5, V5, W5,... (10x)	793-497	793-5497	793-4497	
U6, V6, W6, ..., U6, V6, W6,... to U9, V9, W9, ..., U9, V9, W9, (2 each)	793-498	793-5498	793-4498	
R1, S1, T1, U1, V1, W1, X1, Y1, Z1, SL (10x)	793-546	793-5546	793-4546	
R2, S2, T2, U2, V2, W2, X2, Y2, Z2, SL (10x)	793-547	793-5547	793-4547	
R3, S3, T3, U3, V3, W3, X3, Y3, Z3, SL (10x)	793-548	793-5548	793-4548	
R4, S4, T4, ..., Y4, Z4, SL and R5, S5, T5, ..., Y5, Z5, SL (5 each)	793-549	793-5549	793-4549	
R6, S6, T6, ..., Y6, Z6, SL to R10, S10, T10, ..., Y10, Z10, SL (2 each)	793-550	793-5550	793-4550	
"decade" marking with red printing,				
2 strips, with same numbers				
10, 20 ... 50 (20 each)	793-553	793-5553	793-4553	
60, 70 ... 100 (20 each)	793-554	793-5554	793-4554	
110, 120 ... 150 (20 each)	793-555	793-5555	793-4555	
160, 170 ... 200 (20 each)	793-556	793-5556	793-4556	
1 strip, each with same numbers				
210, 220 ... 300 (10 each)	793-557	793-5557	793-4557	
310, 320 ... 400 (10 each)	793-558	793-5558	793-4558	
410, 420 ... 500 (10 each)	793-559	793-5559	793-4559	
510, 520 ... 600 (10 each)	793-560	793-5560	793-4560	
610, 620 ... 700 (10 each)	793-561	793-5561	793-4561	
710, 720 ... 800 (10 each)	793-562	793-5562	793-4562	
810, 820 ... 900 (10 each)	793-563	793-5563	793-4563	
910, 920 ... 1000 (10 each)	793-564	793-5564	793-4564	

WAGO WMB Multi Marking System for Terminal Block Width 3.5 mm, 4 – 4.2 mm, 5 mm and Higher

vertical marking
same letters/symbols each strip
10 strips with 10 markers per card
for terminal widths 5 - 17.5 mm and
5 - 5.2 mm and 4 - 4.2 mm and 3.5 mm

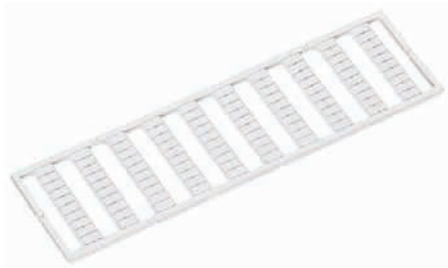


- ① For continuous marking of 270, 280, 780, 869, 870 and 880 Series terminal blocks
Individual marking of 281 – 285, 781 – 785, 2002, 2003, 2022, 2004, 2006, 2010 and 2016 Series terminal blocks
- ② For continuous marking of 270, 280, 780, 869, 870, 880, 2002, 2003 and 2022 Series terminal blocks
Individual marking of terminal blocks larger than 5 / 5.2 mm
- ③ For continuous marking of 279 and 2001 Series terminal blocks
- ④ For continuous marking of 2000 and 2020 Series terminal blocks

Marking	Marker Width 5 mm ①	Marker Width 5 – 5.2 mm ②	Marker Width 4 – 4.2 mm ③	Marker Width 3.5 mm ④
L1 (100x)	793-674	793-5674	793-4674	upon request
L2 (100x)	793-675	793-5675	793-4675	
L3 (100x)	793-676	793-5676	793-4676	
N (100x)	793-677	793-5677	793-4677	
PE (100x)	793-678	793-5678	793-4678	
PEN (100x)	793-679	793-5679	793-4679	
Erde (100x)	793-580	793-5680	793-4680	
R (100x)	793-681	793-5681	793-4681	
S (100x)	793-682	793-5682	793-4682	
T (100x)	793-683	793-5683	793-4683	
+/- (50x)	793-652	793-5652	793-4652	
a, b, c, e, u, v, w, x, y, z (10x)	793-643	793-5643	793-4643	
R, S, T, U, V, W, X, Y, Z, Mp (10x)	793-644	793-5644	793-4644	
A, B, P, N, PE, PEN, L1, L2, L3, Ground (10x)	793-645	793-5645	793-4645	
U, V, W, N, PE, U, V, W, N, PE (10x)	794-674	794-5674	794-4674	
L1, L2, L3, N, PE, L1, L2, L3, N, PE (10x)	794-672	793-5672	794-4672	
U1, V1, W1, U1, V1, W1, U1, V1, W1,... (10x)	793-687	793-5687	793-4687	
U2, V2, W2, U2, V2, W2, U2, V2, W2,... (10x)	793-694	793-5694	793-4694	
U3, V3, W3, U3, V3, W3, U3, V3, W3,... (10x)	793-695	793-5695	793-4695	
U4, V4, W4, U4, V4, W4, U4, V4, W4,... (10x)	793-696	793-5696	793-4696	
U5, V5, W5, U5, V5, W5, U5, V5, W5,... (10x)	793-697	793-5697	793-4697	
U6, V6, W6, ..., U6, V6, W6,... to U9, V9, W9, ..., U9, V9, W9, (2 each)	793-698	793-5698	793-4698	
R1, S1, T1, U1, V1, W1, X1, Y1, Z1, SL (10x)	793-646	793-5646	793-4646	
R2, S2, T2, U2, V2, W2, X2, Y2, Z2, SL (10x)	793-647	793-5647	793-4647	
R3, S3, T3, U3, V3, W3, X3, Y3, Z3, SL (10x)	793-648	793-5648	793-4648	
R4, S4, T4, ..., Y4, Z4, SL and R5, S5, T5, ..., Y5, Z5, SL (5 each)	793-649	793-5649	793-4649	
R6, S6, T6, ..., Y6, Z6, SL to R10, S10, T10, ..., Y10, Z10, SL (2 each)	793-650	793-5650	793-4650	
“decade” marking with red printing,				
2 strips, with same numbers				
10, 20 ... 50 (20 each)	793-653	793-5653	793-4653	
60, 70 ... 100 (20 each)	793-654	793-5654	793-4654	
110, 120 ... 150 (20 each)	793-655	793-5655	793-4655	
160, 170 ... 200 (20 each)	793-656	793-5656	793-4656	
1 strip, each with same numbers				
210, 220 ... 300 (10 each)	793-657	793-5657	793-4657	
310, 320 ... 400 (10 each)	793-658	793-5658	793-4658	
410, 420 ... 500 (10 each)	793-659	793-5659	793-4659	
510, 520 ... 600 (10 each)	793-660	793-5660	793-4660	
610, 620 ... 700 (10 each)	793-661	793-5661	793-4661	
710, 720 ... 800 (10 each)	793-662	793-5662	793-4662	
810, 820 ... 900 (10 each)	793-663	793-5663	793-4663	
910, 920 ... 1000 (10 each)	793-664	793-5664	793-4664	

WAGO WMB Multi Marking System for Terminal Block Width 3.5 mm, 4 – 4.2 mm, 5 mm and Higher

vertical marking
for PLC input and output marking
10 strips with 10 markers per card
for terminal widths 5 - 17.5 mm and
5 - 5.2 mm and 4 - 4.2 mm and 3.5 mm

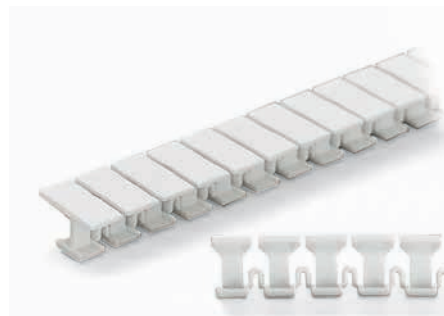
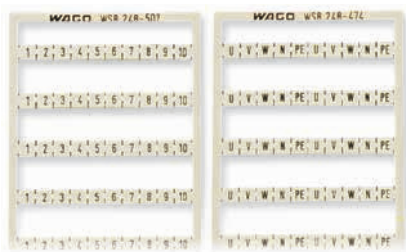


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Individual marking of 281 – 285, 781 – 785, 2002, 2003, 2022, 2004, 2006, 2010 and 2016 Series terminal blocks
- ② For continuous marking of 270, 280, 780, 869, 870, 880, 2002, 2003 and 2022 Series terminal blocks
Individual marking of terminal blocks larger than 5 / 5.2 mm
- ③ For continuous marking of 279 and 2001 Series terminal blocks
- ④ For continuous marking of 2000 and 2020 Series terminal blocks

Marking	Marker Width 5 mm ①	Marker Width 5 – 5.2 mm ②	Marker Width 4 – 4.2 mm ③	Marker Width 3.5 mm ④
for PLC input marking				
E0.0, E0.1, ..., E9.6, E9.7 (1 each)	793-933	793-5933	793-4933	upon request
E10.0, E10.1, ..., E19.6, E19.7 (1 each)	793-934	793-5934	793-4934	
E20.0, E20.1, ..., E29.6, E29.7 (1 each)	793-935	793-5935	793-4935	
E30.0, E30.1, ..., E39.6, E39.7 (1 each)	793-936	793-5936	793-4936	
E40.0, E40.1, ..., E49.6, E49.7 (1 each)	793-937	793-5937	793-4937	
E50.0, E50.1, ..., E59.6, E59.7 (1 each)	793-938	793-5938	793-4938	
E60.0, E60.1, ..., E69.6, E69.7 (1 each)	793-939	793-5939	793-4939	
E70.0, E70.1, ..., E79.6, E79.7 (1 each)	793-940	793-5940	793-4940	
E80.0, E80.1, ..., E89.6, E89.7 (1 each)	793-941	793-5941	793-4941	
E90.0, E90.1, ..., E99.6, E99.7 (1 each)	793-942	793-5942	793-4942	
E100.0, E100.1, ..., E109.6, E109.7 (1 each)	793-943	793-5943		
E110.0, E110.1, ..., E119.6, E119.7 (1 each)	793-944	793-5944	793-4944	
E120.0, E120.1, ..., E129.6, E129.7 (1 each)	793-945	793-5945	793-4945	
E130.0, E130.1, ..., E139.6, E139.7 (1 each)	793-946	793-5946	793-4946	
E140.0, E140.1, ..., E149.6, E149.7 (1 each)	793-947	793-5947	793-4947	
E150.0, E150.1, ..., E159.6, E159.7 (1 each)	793-948	793-5948	793-4948	
E160.0, E160.1, ..., E169.6, E169.7 (1 each)	793-949	793-5949	793-4949	
E170.0, E170.1, ..., E179.6, E179.7 (1 each)	793-950	793-5950	793-4950	
E180.0, E180.1, ..., E189.6, E189.7 (1 each)	793-959	793-5959	793-4959	
E190.0, E190.1, ..., E199.6, E199.7 (1 each)	793-960	793-5960	793-4960	
E200.0, E200.1, ..., E209.6, E209.7 (1 each)	793-961	793-5961	793-4961	
for PLC output marking				
A0.0, A0.1, ..., A9.6, A9.7 (1 each)	793-967	793-5967	793-4967	
A10.0, A10.1, ..., A19.6, A19.7 (1 each)	793-968	793-5968	793-4968	
A20.0, A20.1, ..., A29.6, A29.7 (1 each)	793-969	793-5969	793-4969	
A30.0, A30.1, ..., A39.6, A39.7 (1 each)	793-970	793-5970	793-4970	
A40.0, A40.1, ..., A49.6, A49.7 (1 each)	793-971	793-5971	793-4971	
A50.0, A50.1, ..., A59.6, A59.7 (1 each)	793-972	793-5972	793-4972	
A60.0, A60.1, ..., A69.6, A69.7 (1 each)	793-973	793-5973	793-4973	
A60.0, A60.1, ..., A69.6, A69.7 (1 each)	793-974	793-5974	793-4974	
A80.0, A80.1, ..., A89.6, A89.7 (1 each)	793-975	793-5975	793-4975	
A90.0, A90.1, ..., A99.6, A99.7 (1 each)	793-976	793-5976	793-4976	
A100.0, A100.1, ..., A109.6, A109.7 (1 each)	793-977	793-5977	793-4977	
A110.0, A110.1, ..., A119.6, A119.7 (1 each)	793-978	793-5978	793-4978	
A120.0, A120.1, ..., A129.6, A129.7 (1 each)	793-979	793-5979	793-4979	
A130.0, A130.1, ..., A139.6, A139.7 (1 each)	793-980	793-5980	793-4980	
A140.0, A140.1, ..., A149.6, A149.7 (1 each)	793-981	793-5981	793-4981	
A150.0, A150.1, ..., A159.6, A159.7 (1 each)	793-982	793-5982	793-4982	
A160.0, A160.1, ..., A169.6, A169.7 (1 each)	793-983	793-5983	793-4983	
A170.0, A170.1, ..., A179.6, A179.7 (1 each)	793-984	793-5984	793-4984	
A180.0, A180.1, ..., A189.6, A189.7 (1 each)	793-985	-	793-4985	
A190.0, A190.1, ..., A199.6, A199.7 (1 each)	793-986	793-5986	793-4986	
A200.0, A200.1, ..., A209.6, A209.7 (1 each)	793-987	793-5987	793-4987	
A210.0, A210.1, ..., A219.6, A219.7 (1 each)	793-988	793-5988	793-4988	
A220.0, A220.1, ..., A229.6, A229.7 (1 each)	793-989	793-5989	793-4989	
A230.0, A230.1, ..., A239.6, A239.7 (1 each)	793-990	793-5990	793-4990	
A240.0, A240.1, ..., A249.6, A249.7 (1 each)	793-991	793-5991	793-4991	
A250.0, A250.1, ..., A259.6, A259.7 (1 each)	793-992	793-5992	793-4992	

WAGO Miniature WSB Quick Marking System and T Marker Tag for Terminal Blocks with Miniature WSB Marker Slots

<p>Miniature WSB Quick marking system horizontal marking 10 strips with 10 markers per card</p>		<p>T marker tag plain</p>
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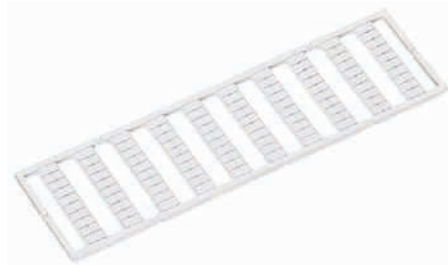
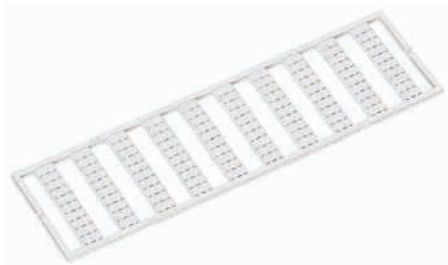
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Miniature WSB Quick marking system		Mini-WSB Inline, plain, stretchable 5 - 5.2 mm, 1,700 WMB markers, 5 mm, on roll		T marker tag, 30 markers each tag, up to 6 characters per marker , stretchable from 5 mm to 6 mm, factory inkjet marking upon request	
○ 1 ... 10 (10x)	248-502 5	○ white	2009-145 1	○ plain	209-290 50
○ 11 ... 20 (10x)	248-503 5				
○ 21 ... 30 (10x)	248-504 5				
○ 31 ... 40 (10x)	248-505 5				
○ 41 ... 50 (10x)	248-506 5				
○ 51 ... 60 (10x)	248-569 5				
○ 61 ... 70 (10x)	248-570 5				
○ 71 ... 80 (10x)	248-571 5				
○ 81 ... 90 (10x)	248-572 5				
○ 91 ... 100 (10x)	248-573 5				
Miniature WSB Quick marking system					
○ 1 ... 50 (2x)	248-566 5				
Miniature WSB Quick marking system					
○ U, V, W, N, PE, U, V, W, N, PE (10x)	248-474 5				
Miniature WSB Quick marking system					
○ L1, L2, L3, N, PE, L1, L2, L3, N, PE (10x)	248-472 5				
Miniature WSB Quick marking system					
○ 1,, 2,, 3,, 4,, 5,, ; to 46,, 47,, 48,, 49,, 50,, ; (1 each)	264-900 5				
○ U,, V,, W,, N,, PE, ; (10x)	264-901 5				
○ L1,, L2,, L3,, N,, PE, ; (10x)	264-902 5				
○ 1,, 1,, 1,, 1,, 1,, ; (10x)	264-903 5				
○ 2,, 2,, 2,, 2,, 2,, ; (10x)	264-904 5				
○ 3,, 3,, 3,, 3,, 3,, ; (10x)	264-905 5				



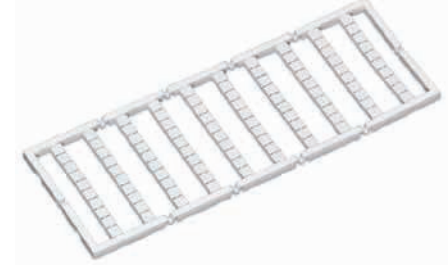
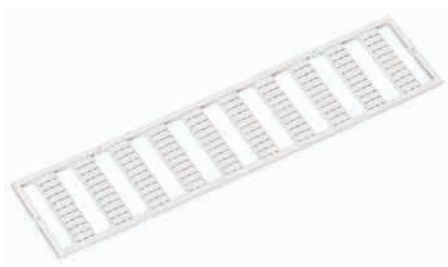
6 characters per marker
The T marker tag fulfills customer requests for larger marking areas for 264 Series terminal strips. The T marker can be marked with up to 6 characters per marker and is snapped into the miniature WSB marker slot. Terminal strips in any combination of 2- and 4-conductor terminal blocks can be marked easily by stretching the tag.

Marker Cards, Plain Marking Strips

WMB Multi marking system	WMB Multi marking system	WMB Inline and marking strips
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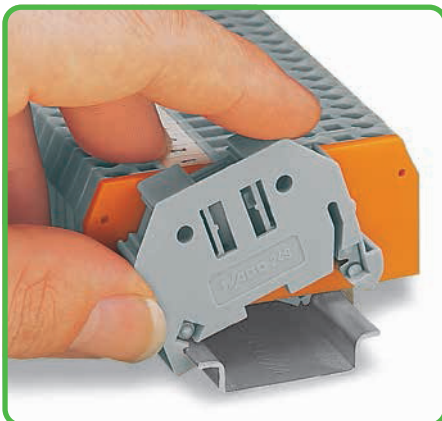
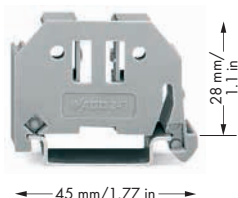
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
WMB Multi marking system, for terminal widths 5 - 17.5 mm, 10 strips with 10 markers per card		WMB Multi marking system, stretchable 5 - 5.2 mm, 10 strips with 10 markers per card		WMB Inline, plain, stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll	
○ plain	793-501	5	○ plain	793-5501	5
Marker cards in different colors:		Marker cards in different colors:		WMB Inline, plain, stretchable 5 - 5.2 mm, 8,000 WMB markers, 5 mm, on roll	
● yellow	793-501/000-002	5	● yellow	793-5501/000-002	5
● red	793-501/000-005	5	● red	793-5501/000-005	5
● blue	793-501/000-006	5	● blue	793-5501/000-006	5
● gray	793-501/000-007	5	● gray	793-5501/000-007	5
● orange	793-501/000-012	5	● orange	793-5501/000-012	5
● light green	793-501/000-017	5	● light green	793-5501/000-017	5
● green	793-501/000-023	5	● green	793-5501/000-023	5
● violet	793-501/000-024	5	● violet	793-5501/000-024	5
				WMB Inline, plain, stretchable 4 - 4.2 mm, 2,000 WMB markers, 4 mm, on roll	
				○ white	2009-115
				○ white	2009-135
				○ white	2009-114



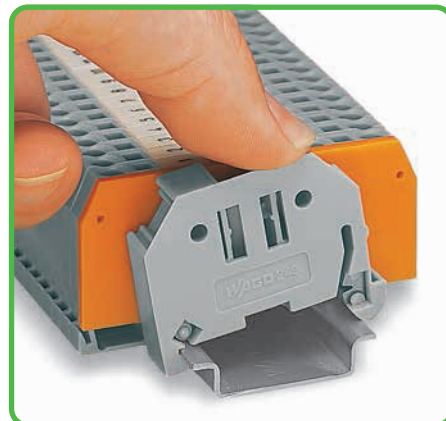
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
WMB Multi marking system, stretchable 4 - 4.2 mm, 10 strips with 10 markers per card		Miniature WSB Quick marking system, 5 mm wide markers, 10 strips with 10 markers per card		Marking strip, plain, 11 mm wide, white	
○ plain	793-4501	5	○ plain	248-501	5
Marker cards in different colors:		Marker cards in different colors:		○ 50 m roll	
● yellow	793-4501/000-002	5	● yellow	248-501/000-002	5
● red	793-4501/000-005	5	● red	248-501/000-005	5
● blue	793-4501/000-006	5	● blue	248-501/000-006	5
● gray	793-4501/000-007	5	● gray	248-501/000-007	5
● orange	793-4501/000-012	5	● orange	248-501/000-012	5
● light green	793-4501/000-017	5	● light green	248-501/000-017	5
● green	793-4501/000-023	5	● green	248-501/000-023	5
● violet	793-4501/000-024	5	● violet	248-501/000-024	5
				2009-110	

End Stops for DIN 35 Rail

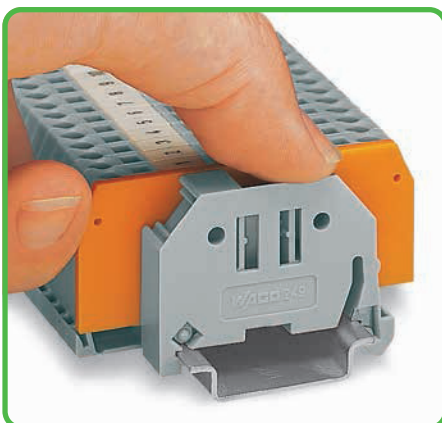
Screwless end stop



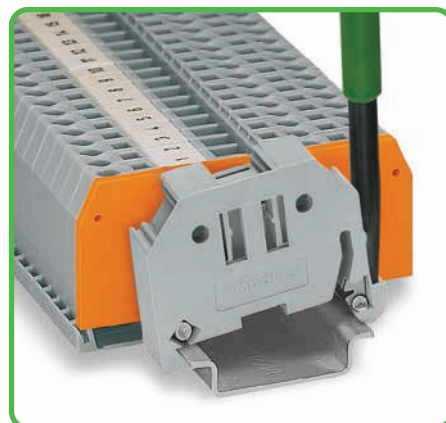
Snap on



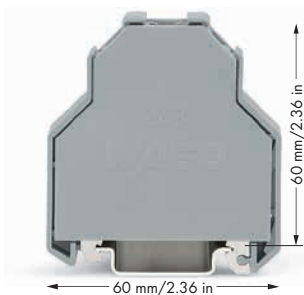
Item No.	Pack. Unit
Screwless end stop , for DIN 35 rail, 6 mm wide	
gray <input type="radio"/> 249-116	100 (4x25)
Screwless end stop , for DIN 35 rail, 10 mm wide	
gray <input type="radio"/> 249-117	50 (2x25)



That's it!



Remove an end stop from the rail.



Fit - and forget! Assembling the new WAGO screwless end stop is as simple and quick as snapping a WAGO rail-mount terminal block onto the rail.

In addition, costs are significantly reduced when using large numbers of end stops.

Without any tools!

Additional benefit: Three marker slots for all WAGO rail-mount terminal block markers and one snap-in hole for WAGO adjustable height group marker carriers offer individual marking options.

Item No.	Pack. Unit
Screwless end stop , for DIN 35 rail, 14 mm wide	
gray <input type="radio"/> 249-197	10

This allows rail-mount terminal blocks to be safely secured, at low cost, against any movement on all DIN 35 carrier rails acc. to DIN EN 50022 (35 x 7.5 mm; 35 x 15 mm).

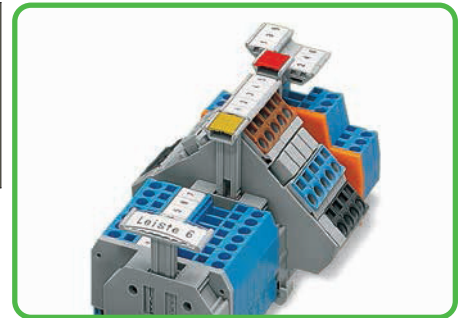
Entirely without screws!

The "secret" of the excellent tight fit lies in the two small clamping plates which keep the end stop in position, even if the rails are mounted vertically.

Simply snap on and forget!

Group Marker Carriers (Height-Adjustable) and Movable Marking System

Height-adjustable group marker carrier	Carrier-through element
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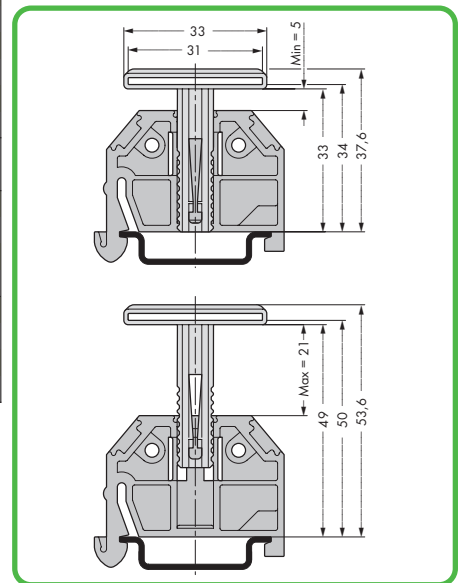
Receptacles for:
 1 x marker
 2 x WMB (Multi marking) or
 3 x WCB (Combi marking) or
 1 x WFB (Continuous marking strips)



Item No.	Pack. Unit	Item No.	Pack. Unit
Height-adjustable group marker carrier, snap-on type and height-adjustable from 43.5 mm to 59.5 mm in 249-116 and 249-117 end stops, for 1 marker or self-adhesive label and transparent protection covers, 10 mm wide ● gray 249-119 50 (2x25)		Carrier-through element, height-adjustable ● gray 709-118 50 (2x25)	
snap-on type and height-adjustable from 43.5 mm to 59.5 mm in 249-116 and 249-117 end stops, for 2 WMB markers or 1 x continuous strip, 10 mm wide ● gray 249-118 100 (4x25)		Carrier-end element, height-adjustable ● gray 709-119 50 (2x25)	
snap-on type and height-adjustable from 42.2 mm to 58.2 mm in 249-116 and 249-117 end stops, with marker surface, 6 mm wide ○ white 249-120 50 (2x25)			
snap-on type and height-adjustable from 45 mm to 61 mm in 249-116 and 249-117 end stops, for 2 WMB markers or 1 x TOPJOB®S marking strips, 12.2 mm wide ● gray 2009-163 50 (2x25)		Item-Specific Accessories	
		Marking strip carrier, folded, 1 m long, 16 mm wide, 1.7 mm thick transparent 709-120 1	
		Marking card, with 14 marking strips, DIN A4 plain 709-193 1	

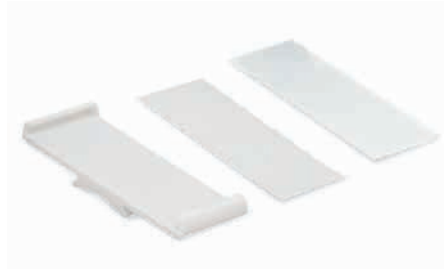
This system can be used as an additional group marker carrier or continuous marking strip carrier for terminal strips or single-deck rail-mount terminal blocks, for example:

- 264 Series terminal strips for DIN 35 rails
- 279 to 284 Series single-deck rail-mount terminal blocks, with a maximum height of 49 mm from the upper edge of the carrier rail (please observe conductor radius).



Height-adjustable group marker carrier for TOPJOB®S marking strips

Group marker carrier	Group marker carrier	Group marker carrier
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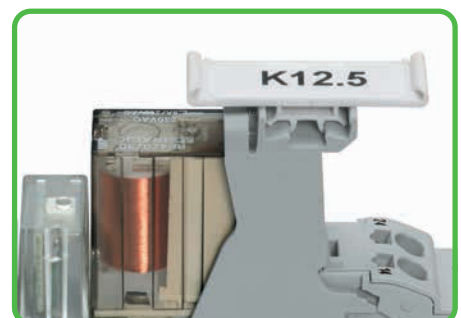
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Group marker carrier, to insert into jumper slots of terminal blocks, for terminal block width of 4 - 6 mm, for up to 3 WMB markers or 8 marker tags, 15 mm wide		Group marker carrier, for snapping into screwless end stops; for center or side mounting, 10 mm wide		Group marker carrier, for WMB and miniature WSB marker receptacles, 10 mm wide	
○ gray 209-140	50 (2x25)	○ white 209-112	100 (2x50)	○ white 209-145	100 (2x50)
for up to 2 WMB markers or 5 marker tags, 10 mm wide		Marker, from white cardboard, for self-marking, 100 markers per sheet			
○ gray 209-141	50 (2x25)	○ white 209-113	1		
for up to 1 WMB marker or 2 marker tags, 5 mm wide		Self-adhesive label, for self-marking, 7 x 25 labels per sheet			
○ gray 209-142	50 (2x25)	○ white 210-345	1		
		Protection cover transparent			
		209-114	50		



Group marker carriers

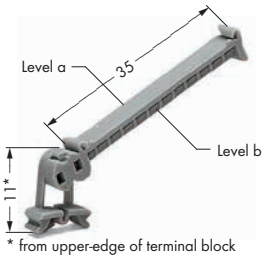



Group marker carrier with marker and protection cover

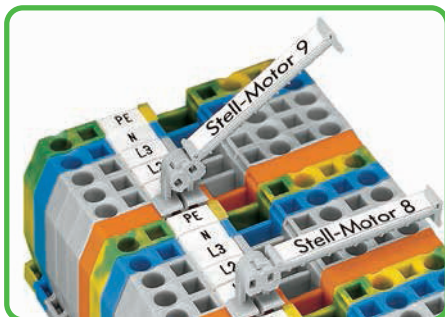


Group Marker Carrier (Pivoting) WFB Continuous Marking Strip Mounting Carrier

Pivoting group marker carrier	WFB continuous marking strip	Mounting carrier
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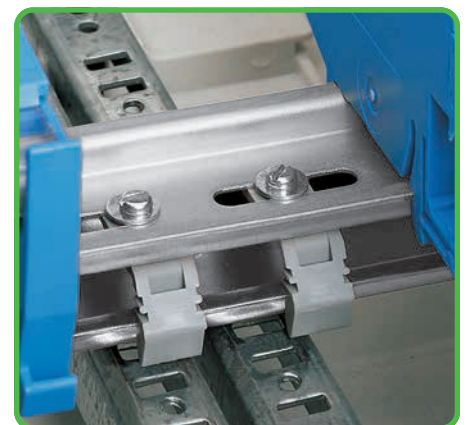
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Pivoting group marker carrier		WFB continuous marking strip, for self-marking, e.g., with felt-tip pen, 1000 mm long		Mounting carrier, for isolated mounting on DIN 35 rails	
● gray	249-105	50 (2x25)	transparent	210-612	10
Marker card, 4 x 30 markers per sheet		Carrier for WFB continuous marking strip, to be snapped into the marker slot			
○ white	209-183	1	● gray	209-185	200 (8x25)
Protection cover transparent		209-184	50		
Item-Specific Accessories					
		Felt-tip pen, for permanent marking			
					
		210-110		1	



This pivoting group marker carrier has been developed for group marking of rail-mount terminal blocks and readily satisfies several customer requirements.



Carrier for WFB Continuous marking strip; to be secured every 10th terminal block.



Isolated mounting of a carrier rail in a distribution box for protection class 2.

- Can be used in all multiprofile marker slots for rail-mount terminal blocks from 5 mm/0.197 in on or in spacer housings as shown in the picture
- Can be pivoted in 7 different stable positions, providing the best visual angle in case of difficult mounting conditions
- Two levels for different marking systems
Level a: for marker (4 x 34) mm (see picture)
Level b: for 12 WCB-Combi markers (see www.wagocatalog.com)

Switchgear Cabinet Drawer

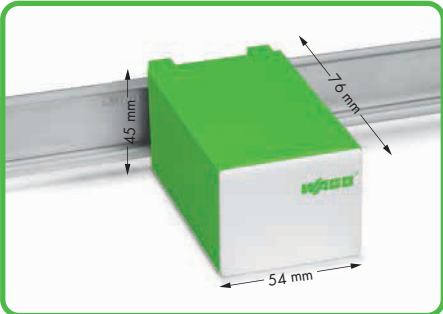
Switchgear cabinet drawer	
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Item No.	Pack. Unit
Switchgear cabinet drawer, DIN 35-rail mount drawer	
709-591	1



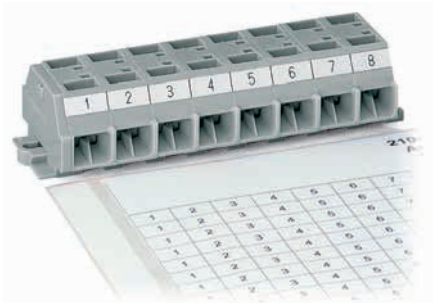
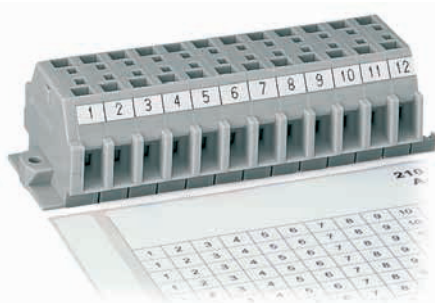
The switchgear cabinet drawer is the ideal place to store small parts that are not constantly used (e.g., instructions, test plug adapters, jumpers, spare fuses).



Dimensions in mm
Height from upper-edge of DIN 35 rail

Marker Cards – Self-Adhesive Marking Strips

<p>Self-adhesive marker strips computer-marked 40 self-adhesive strips per card Height of marking strip: 6 mm</p>	<p>Self-adhesive marker strips computer-marked 40 self-adhesive strips per card Height of marking strip: 6 mm</p>	<p>Self-adhesive marker strips computer-marked 40 self-adhesive strips per card Height of marking strip: 6 mm</p>
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Marking	Item No.	Pack. Unit	Marking	Item No.	Pack. Unit	Marking	Item No.	Pack. Unit
for 260 Series 2-conductor terminal strips			for 261 Series 2-conductor terminal strips			for 262 Series 2-conductor terminal strips		
1 - 10 (120x)	210-333/500-002	1	1 - 12 (80x)	210-333/600-103	1	1 - 20 (40x)	210-333/700-020	1
11 - 20 (120x)	210-333/500-003	1	13 - 24 (80x)	210-333/600-104	1	21 - 40 (40x)	210-333/700-108	1
21 - 30 (120x)	210-333/500-004	1	25 - 36 (80x)	210-333/600-105	1	41 - 60 (40x)	210-333/700-109	1
31 - 40 (120x)	210-333/500-005	1	37 - 48 (80x)	210-333/600-106	1	1 - 50 (20x)	210-333/700-021	1
41 - 50 (120x)	210-333/500-006	1	41 - 50 (80x)	210-333/600-006	1	L1 (1040x)	210-333/700-074	1
51 - 60 (120x)	210-333/500-007	1	51 - 60 (80x)	210-333/600-007	1	L2 (1040x)	210-333/700-075	1
61 - 70 (120x)	210-333/500-008	1	61 - 70 (80x)	210-333/600-008	1	L3 (1040x)	210-333/700-076	1
71 - 80 (120x)	210-333/500-009	1	71 - 80 (80x)	210-333/600-009	1	N (1040x)	210-333/700-077	1
81 - 90 (120x)	210-333/500-010	1	81 - 90 (80x)	210-333/600-010	1	PE (1040x)	210-333/700-078	1
91 - 100 (120x)	210-333/500-011	1	91 - 100 (80x)	210-333/600-011	1	PEN (1040x)	210-333/700-079	1
1 - 50 (20x)	210-333/500-021	1	1 - 50 (20x)	210-333/600-021	1	only with grid spacing	210-333/700-001	1
L1 (1440x)	210-333/500-074	1	L1 (1200x)	210-333/600-074	1			
L2 (1440x)	210-333/500-075	1	L2 (1200x)	210-333/600-075	1			
L3 (1440x)	210-333/500-076	1	L3 (1200x)	210-333/600-076	1			
N (1440x)	210-333/500-077	1	N (1200x)	210-333/600-077	1			
PE (1440x)	210-333/500-078	1	PE (1200x)	210-333/600-078	1			
PEN (1440x)	210-333/500-079	1	PEN (1200x)	210-333/600-079	1			
only with grid spacing	210-333/500-001	1	only with grid spacing	210-333/600-001	1			
for 260 Series 4-conductor terminal strips			for 261 Series 4-conductor terminal strips			for 262 Series 4-conductor terminal strips		
1 - 10 (80x)	210-333/800-002	1	1 - 16 (40x)	210-333/1000-202	1	1 - 12 (40x)	210-333/1200-103	1
11 - 20 (80x)	210-333/800-003	1	17 - 32 (40x)	210-333/1000-204	1	13 - 24 (40x)	210-333/1200-104	1
21 - 30 (80x)	210-333/800-004	1	33 - 48 (40x)	210-333/1000-206	1	25 - 36 (40x)	210-333/1200-105	1
31 - 40 (80x)	210-333/800-005	1	49 - 64 (40x)	210-333/1000-110	1	37 - 48 (40x)	210-333/1200-106	1
41 - 50 (80x)	210-333/800-006	1	65 - 80 (40x)	210-333/1000-111	1	49 - 60 (40x)	210-333/1200-107	1
51 - 60 (80x)	210-333/800-007	1	81 - 96 (40x)	210-333/1000-112	1	1 - 24 (20x)	210-333/1200-203	1
61 - 70 (80x)	210-333/800-008	1	97 - 112 (40x)	210-333/1000-113	1	L1 (600x)	210-333/1200-074	1
71 - 80 (80x)	210-333/800-009	1	1 - 36 (20x)	210-333/1000-208	1	L2 (600x)	210-333/1200-075	1
81 - 90 (80x)	210-333/800-010	1	L1 (720x)	210-333/1000-074	1	L3 (600x)	210-333/1200-076	1
91 - 100 (80x)	210-333/800-011	1	L2 (720x)	210-333/1000-075	1	N (600x)	210-333/1200-077	1
1 - 40 (20x)	210-333/800-209	1	L3 (720x)	210-333/1000-076	1	PE (600x)	210-333/1200-078	1
L1 (880x)	210-333/800-074	1	N (720x)	210-333/1000-077	1	PEN (600x)	210-333/1200-079	1
L2 (880x)	210-333/800-075	1	PE (720x)	210-333/1000-078	1	only with grid spacing	210-333/1200-001	1
L3 (880x)	210-333/800-076	1	PEN (720x)	210-333/1000-079	1			
N (880x)	210-333/800-077	1	only with grid spacing	210-333/1000-001	1			
PE (880x)	210-333/800-078	1						
PEN (880x)	210-333/800-079	1						
only with grid spacing	210-333/800-001	1						

Marker Cards – Self-Adhesive Marking Strips Plain

Self-adhesive marking strips



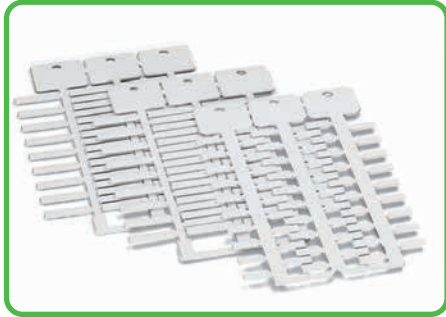
Item No.	Pack. Unit
Self-adhesive marking strips, plain,	
grid adjustable,	
Length of marking strip: 182 mm,	
Height of marking strip: 2.3 mm,	
100 self-adhesive strips per card	
210-331	1
Height of marking strip: 3 mm,	
80 self-adhesive strips per card	
210-332	1
Height of marking strip: 5 mm,	
48 self-adhesive strips per card	
210-334	1
Height of marking strip: 9 mm,	
25 self-adhesive strips per card	
210-335	1
Height of marking strip: 6 mm,	
40 self-adhesive strips per card	
210-333	1

61	201	202	203	204	205	206	207	208	209
61	201	202	203	204	205	206	207	208	209
61	201	202	203	204	205	206	207	208	209
61	201	202	203	204	205	206	207	208	209
61	201	202	203	204	205	206	207	208	209
61	201	202	203	204	205	206	207	208	209
61	201	202	203	204	205	206	207	208	209
61	201	202	203	204	205	206	207	208	209
61	201	202	203	204	205	206	207	208	209
61	201	202	203	204	205	206	207	208	209

Other markings with different spacings for 2- and 4-conductor terminal blocks are available upon request.

Wire and Cable Marking - Description and Handling -

Wire marking



The following markers are available:
Markers for plotter marking.



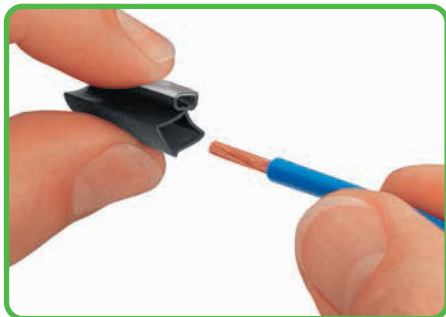
Markers on roll for thermal transfer printing.



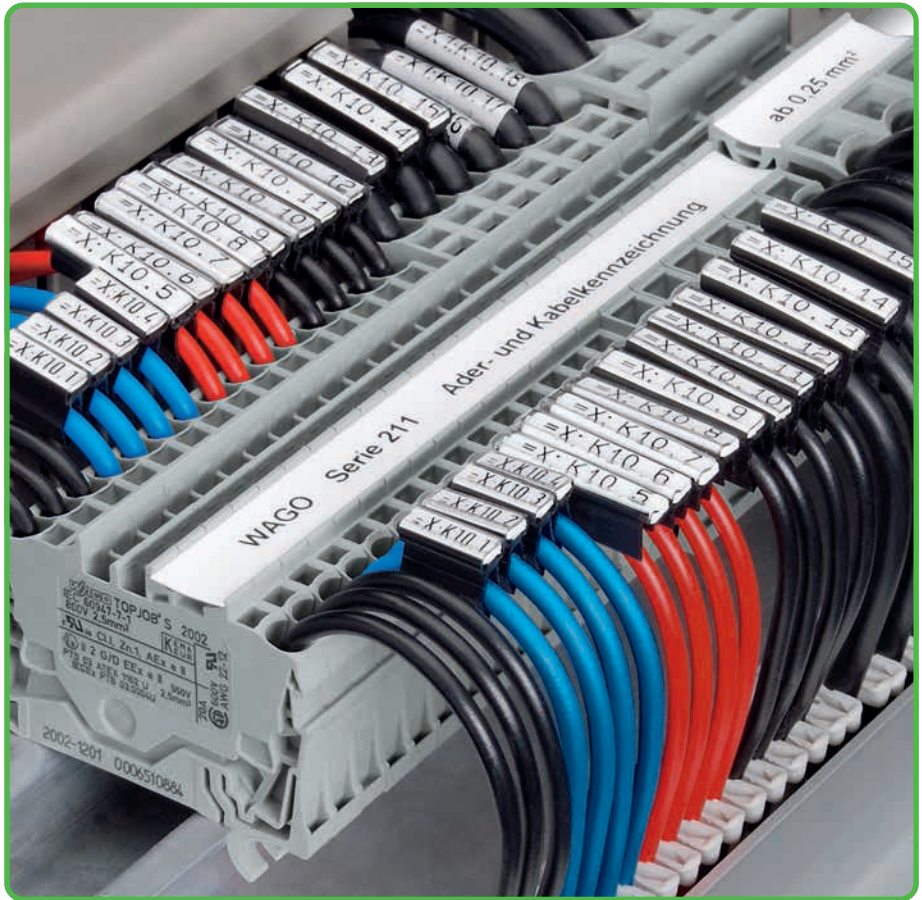
Remove the printed marker from the roll.



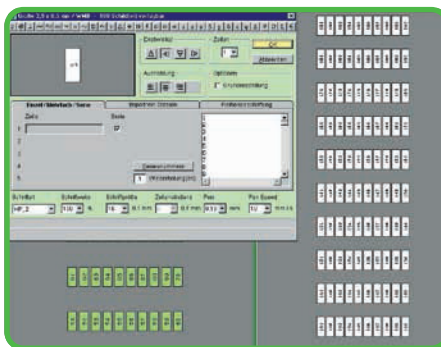
Slide the plotted marker into the marking sleeve receptacle. Exchanging the marker is also possible after the conductor has been terminated.



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



smartPrinter



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.



Wire marking



Wire marker for thread-on mounting for 2.5 - 6 mm²

Wire marking



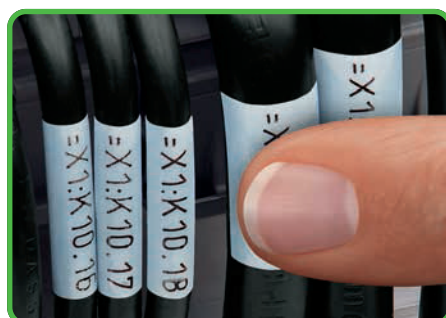
Self-laminating labels are available on A4 sheets for laser printers (plotters) are supplied on roll for thermal transfer printers.



Remove the printed label from the sheet or roll.
















Wrap it around the conductor or cable.



The transparent laminate protects the marking.

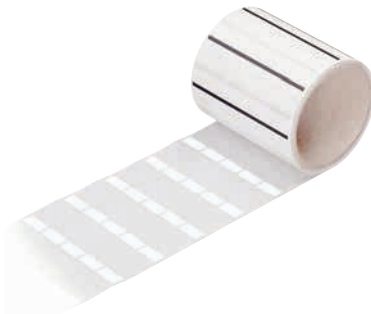
Marking sleeve	Marking sleeve	Marking sleeve
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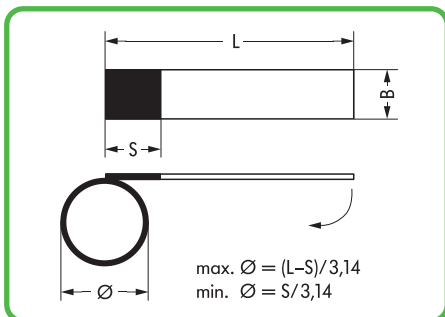
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Marking sleeve, 12 mm long, halogene-free, for one marker, to be fitted prior to conductor termination, for wire Ø 1.6 - 3.2 mm or 0.25 - 1.5 mm ²		Marking sleeve, 23 mm long, halogene-free, for one marker, to be fitted prior to conductor termination, for wire Ø 1.6 - 3.2 mm or 0.25 - 1.5 mm ²		Marking sleeve, 23 mm long, halogene-free, for cable tie, can also be fitted after install, for one marker, for wires from 10 mm ²	
211-112	2000	211-122	2000	211-129	1000
for wire Ø 2.2 - 4.5 mm or 0.5 - 4 mm ²		for wire Ø 2.2 - 4.5 mm or 0.5 - 4 mm ²			
211-113	2000	211-123	2000		
for wire Ø 3.7 - 5.9 mm or 2.5 - 6 mm ²		for wire Ø 3.7 - 5.9 mm or 2.5 - 6 mm ²			
211-114	1000	211-124	1000		
for wire Ø 5.5 - 10 mm or 10 - 25 mm ²		for wire Ø 5.5 - 10 mm or 10 - 25 mm ²			
211-115	1000	211-125	1000		
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
Markers on roll , for thermal transfer printer,  3,000 markers per roll, 12 mm long white 211-111 1		Markers on roll , for thermal transfer printer,  3,000 markers per roll, 23 mm long white 211-121 1		Markers on roll , for thermal transfer printer,  3,000 markers per roll, 23 mm long white 211-121 1	
Marker card , for plotter,  57 markers per card, 12 mm long white 211-110 18		Marker card , for plotter,  34 markers per card, 23 mm long white 211-120 30		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		Ink pen ,  0.35 mm line width 258-228 1			
Ink ribbon for wire marker ,  76 mm wide x 300 m 258-150 1		WAGO disposable plotter pen ,  0.35 mm line width 258-328 1			
DIN A3 plotter ,  IP 350 (110 V/230 V) 258-350 1		Carrier plate for marker cards for IP350 plotter  258-370 1			

Self-Laminating Labels for Cable Marking Wire Marker for Thread-On Mounting

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



Wire marker for thread-on mounting

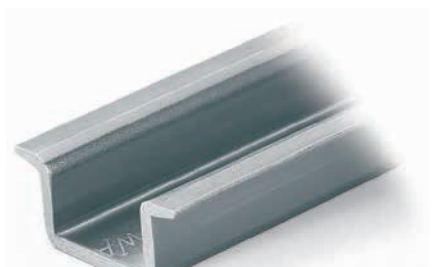
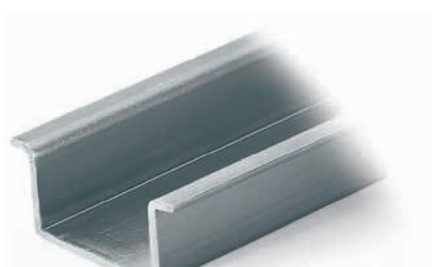
Continuous Labels	Push-Button Markers	Push-Button Markers
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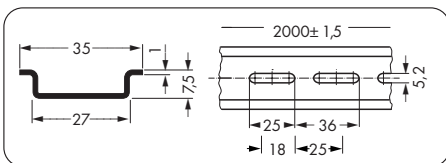
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Continuous labels		Push-button markers		Push-button markers	
Polyester, self-adhesive		semi-permanent adhesive		semi-permanent adhesive	
9 lengths at 25 m		1000 markers per roll		1000 markers per roll	
Width: 2.3 mm		26.5 x 18 mm		27 x 12.5 mm	
white	210-831	1	silver	210-850	1
Width: 3 mm		Plastic cover		Plastic cover	
white		100 covers		100 covers	
		26.5 x 18 mm		27 x 12.5 mm	
5 lengths at 25 m		transparent		transparent	
Width: 5 mm		210-851		210-863	
white		1		1	
Width: 6 mm		Push-button markers		Push-button markers	
white		semi-permanent adhesive		permanent adhesive	
		1000 markers per roll		350 markers per roll	
		27.5 x 17.5 mm		27 x 19 mm	
		silver		silver	
		210-856		210-852	
		1		1	
		Plastic cover		Universal push-button frame	
		100 covers		for 210-852 and 210-855	
		27.5 x 17.5 mm		100 pcs per bag	
		transparent		27 x 19 mm	
		210-857		black	
		1		210-853	
		1		1	
		Push-button markers		Push-button markers	
		semi-permanent adhesive		permanent adhesive	
		1000 markers per roll		350 markers per roll	
		22 x 22 mm		27 x 18 mm	
		silver		silver	
		210-858		210-855	
		1		1	
		Plastic cover		Label roll DD (device designation)	
		100 covers		Polyester	
		22 x 22 mm		500 labels per roll	
		transparent		28 x 28 mm	
		210-859		175 µm thick	
		1		silver	
				210-854	
				1	
		Push-button markers			
		semi-permanent adhesive			
		1000 markers per roll			
		27 x 27 mm			
		silver			
		210-860			
		1			
		Plastic cover			
		100 covers			
		27 x 27 mm			
		transparent			
		210-861			
		1			

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

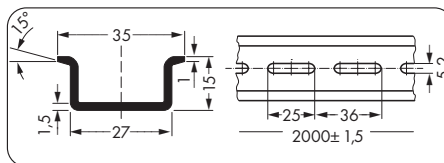
Carrier rail acc. to EN 60715	Carrier rail acc. to EN 60715	Carrier rail acc. to EN 60715
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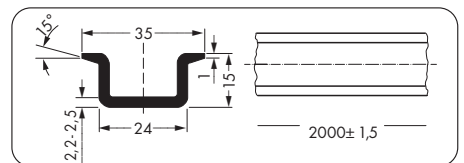
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Steel carrier rail, I_N 76 A (reference length of 1m/3'3"), 35 x 7.5 mm, 1 mm, 2 m/6'6" long		Steel carrier rail, I_N 125 A (reference length of 1m/3'3"), 35 x 15 mm, 1.5 mm, 2 m/6'6" long		Steel carrier rail, I_N 125 A (reference length of 1m/3'3"), 35 x 15 mm, 2.3 mm, 2 m/6'6" long	
unslotted	210-113	10	unslotted	210-114	10
Hole width 25 mm; hole spacing 36 mm		slotted		210-197	10
slotted	210-112	10 (10x1)			
Hole width 18 mm; hole spacing 25 mm					
slotted	210-115	1			



Dimensions in mm



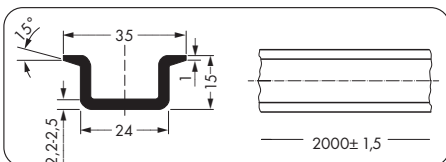
Dimensions in mm



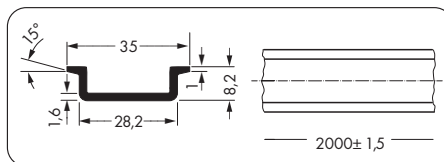
Dimensions in mm



Item No.	Pack. Unit	Item No.	Pack. Unit	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		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		Rail end cap, for DIN 35 rail (7.5 mm high)	
unslotted	210-198	10	unslotted	210-196	10
				● gray	209-109
					50 (2x25)

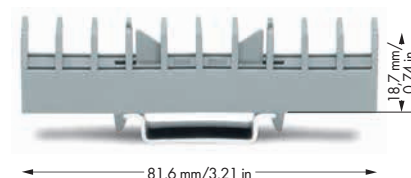


Dimensions in mm

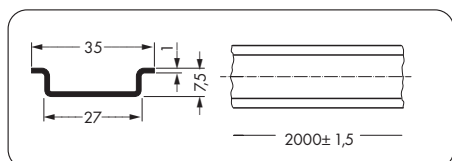


Dimensions in mm

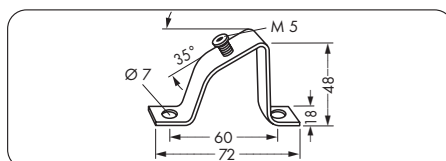
Carrier rail acc. to EN 60715	Angled support bracket	Collective carrier for jumpers
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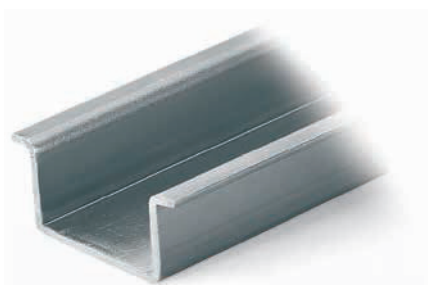
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Steel carrier rail, I_N 76 A (reference length of 1 m/3'3"), 35 x 7.5 mm, 1 mm, 2 m/6'6" long		Angled support bracket, without screw		Collective carrier for jumpers, for DIN 35 rail, for jumpers for transverse switching terminal block (282-811) and longitudinal switching disconnect terminal block (282-821)	
unslotted	210-505	1	210-148	10	● gray 282-369 25
slotted	210-504	1	Screw M 5 x 8	210-149	100 (5x20)
The collective carrier can be snapped onto DIN 35 rails. It holds jumpers, e. g., during maintenance.					



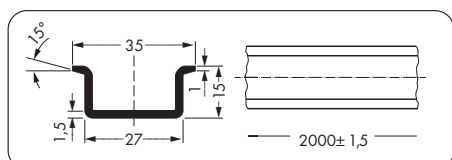
Dimensions in mm



Dimensions in mm



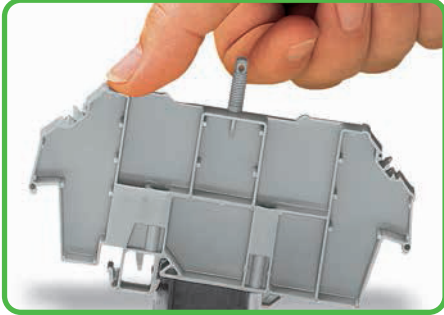
Item No.	Pack. Unit	Item No.	Pack. Unit
Steel carrier rail, I_N 125 A (reference length of 1 m/3'3"), 35 x 15 mm, 1.5 mm, 2 m/6'6" long		Collective carrier for adjacent jumpers, for DIN 35 rail, for 279, 280, 281, 282 and 284 Series adjacent jumpers, as well as 215 Series banana plugs	
unslotted	210-506	1	● gray 209-100 50 (2x25)
slotted	210-508	1	The collective carrier can be snapped onto DIN 35 rails. It holds adjacent jumpers and banana plugs, e. g., during maintenance.



Dimensions in mm

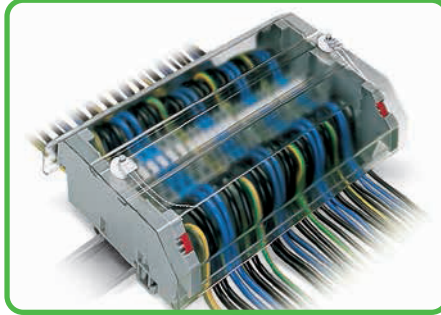
Transparent Covers for Rail-Mounted Terminal Blocks, Usable with Lead Seals – Description and Handling –

Assembly



Snapping a cover carrier onto the carrier rail.

Application

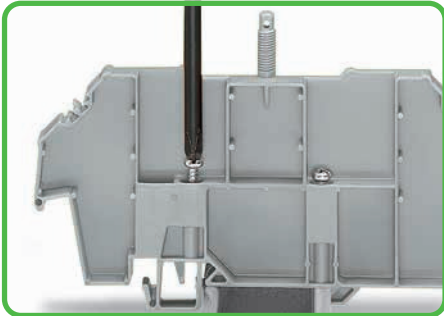


Application examples: cover (Type 1) without safety warning and lead seals.



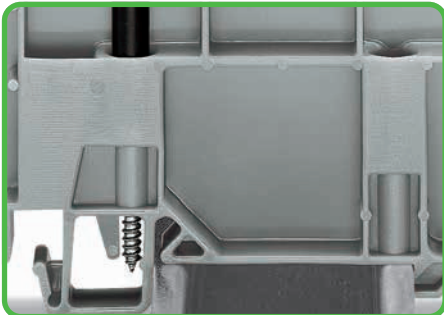
Cover with safety warning and lead seals.

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

Accessories

Marking card with 6 marking strips,

for group marking or safety instructions

plain	709-183	1
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Spare mounting/securing screw,

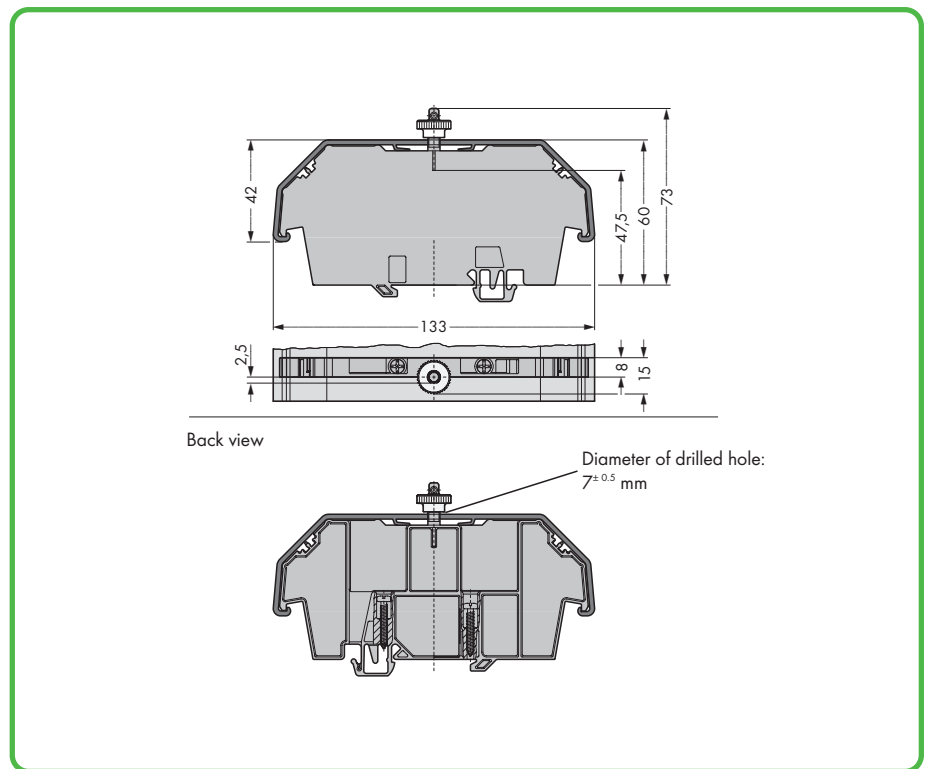
for cover

	209-196	200 (8x25)
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Spare knurled nut,

for cover

	210-549	100 (4x25)
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Dimensions in mm

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

Accessories

Marking card with 6 marking strips,

for group marking or safety instructions



plain **709-183** 1

Spare mounting/securing screw,

for cover



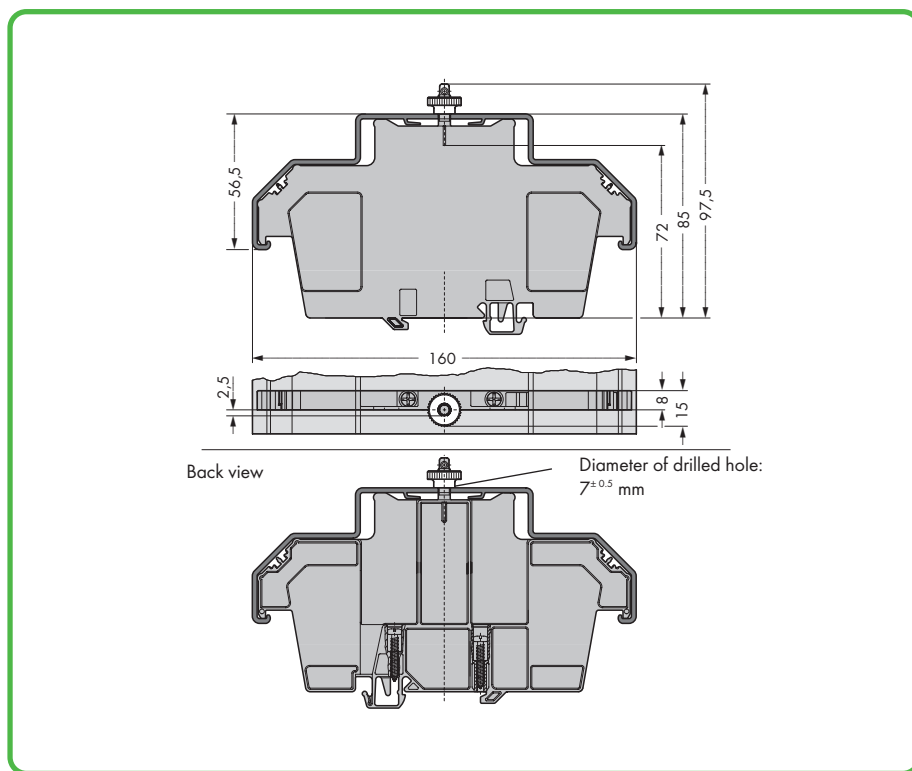
209-196 200 (8x25)

Spare knurled nut,

for cover



210-549 100 (4x25)



Dimensions in mm

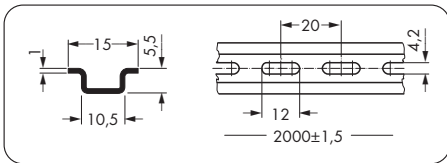
Mounting Accessories

Carrier Rails and End Stops

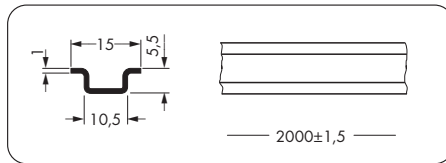
Carrier rail acc. to EN 60715	Carrier rail acc. to EN 60715	Screwless end stop
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Item No.	Pack. Unit	Item No.	Pack. Unit
Steel carrier rail, I_N 57 A (reference length of 1 m/3'3"), 15 x 5.5 mm, 1 mm, 2 m/6'6" long slotted	1	Steel carrier rail, I_N 57 A (reference length of 1 m/3'3"), 15 x 5.5 mm, 1 mm, 2 m/6'6" long unslotted	1
210-111		210-295	25



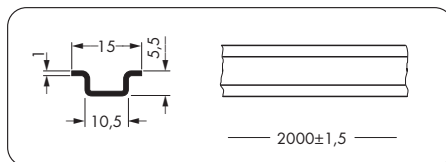
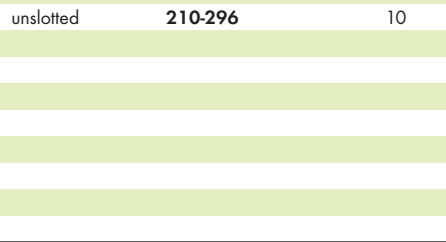
Dimensions in mm



Dimensions in mm



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

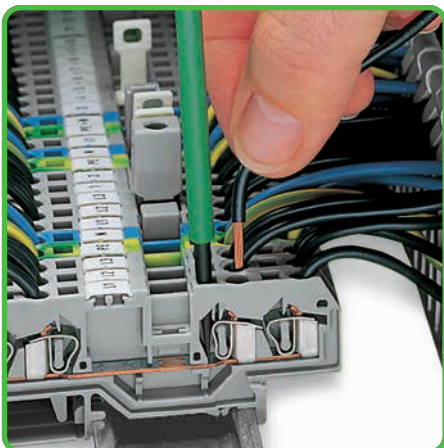


Dimensions in mm

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



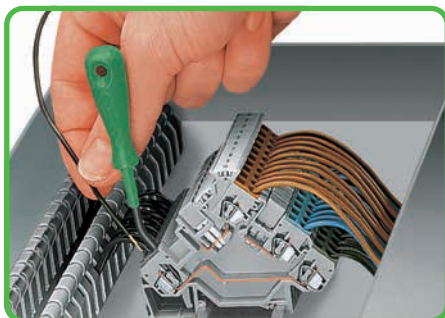
The blade dimensions of the above-listed operating tools with partially insulated shaft are ideal for easy operation of front-entry terminal blocks.

Set of operating tools

Operating tool with partially insulated shaft	Operating tool	Operating pliers
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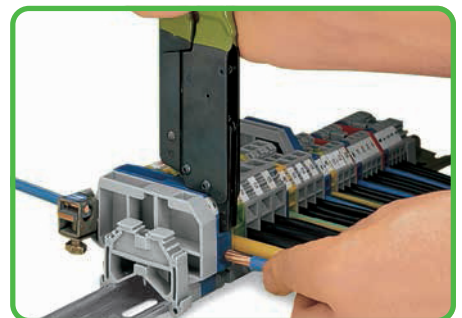
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Operating tool with partially insulated shaft, (3.5 x 0.5) mm blade, short, for 260, 261, 262, 264, 270, 280, 281, 869, 870, 880 Series		Operating tool, of insulating material, for 279 Series rail-mounted terminal blocks		Operating pliers, for 279 and 280 Series rail-mounted terminal blocks for side-entry	
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, (3.5 x 0.5) mm blade, short angled, ideal for 280 Series actuator and sensor terminal blocks, along with 260, 261, 262, 264, 280, 281, 869, 870, 880, 2002 and 2004 Series		Operating tool, of insulating material, for 264 (1- and 2-way only), 280, 281 (up to 3-way only) Series rail-mounted terminal blocks		Operating pliers, for 281, 282, 283 and 284 Series rail-mounted terminal blocks for side-entry	
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			
		5-way 281-440	1		
				The operating pliers is placed into the upper operating slot of the side-entry rail-mount terminal block and the clamp is hooked into the lateral operating slot. The contact is fully opened 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.





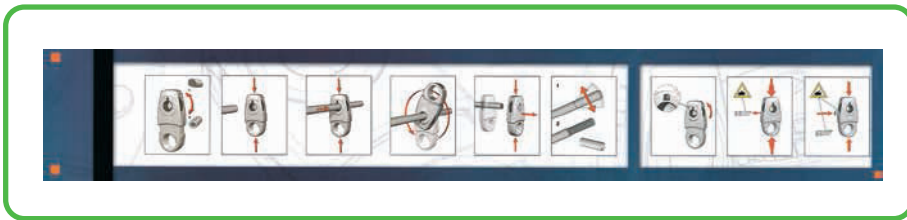
When operating the handles beyond the locked position, the ratchet allows the tool to open and be removed from the terminal block.

Cable stripper for round cables with an outer Ø from 2.5 mm to 11 mm

Cable stripper for round cables with an outer Ø from 4.5 mm to 45 mm

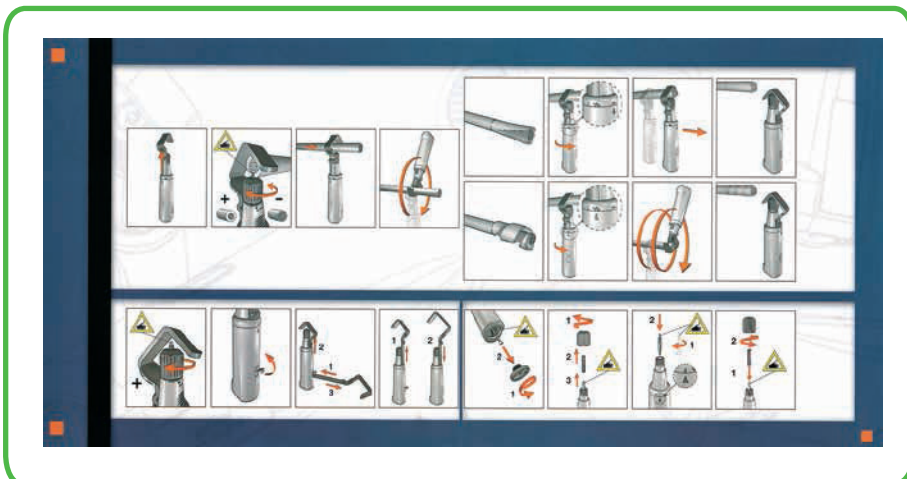


Item No.	Pack. Unit	Item No.	Pack. Unit
Cable stripper, for round cables with an outer Ø from 2.5 mm to 11 mm		Cable stripper, for round cables with an outer Ø from 4.5 mm to 45 mm	
206-171	1	206-174	1
Item-Specific Accessories		Item-Specific Accessories	
Replacement blade, from 2.5 mm to 11 mm		Replacement blade, from 4.5 mm to 45 mm	
	206-170 1		206-173 1



206-171 Cable Stripper

- 10-position adjustment wheel ensures repeatable stripping results
- Fine adjustability via 10-position blade cutting depth adjustment
- Strips the sheath from multi-core and fiber optic cables up to 11 mm diameter
- Safe and easy to use through closed stripping cavity






206-174 Cable Stripper

- Safe and easy to use: Three locking positions for circular, longitudinal and spiral cuts
- High cable stripping capacity of up to 40 mm diameter
- Well balanced, ergonomic design features rests for thumb, index and pinky fingers to ease raising of the cable retention hook.
- Spare blades can be stored within the tool body

Operating instructions for 206-171 cable stripper (top) and 206-174 cable stripper (bottom)

<p>“Quickstrip 10” wire stripper 0.02 mm² - 10 mm² “f-st” (6 mm² “s”) Cutter for conductors up to 10 mm² “f-st” (1.5 mm² “s”)</p>	<p>“Quickstrip 16” wire stripper 4 mm² - 16 mm² Cutter for conductors up to 10 mm² “f-st” (1.5 mm² “s”)</p>	
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Item No.	Pack. Unit	Item No.	Pack. Unit
“Quickstrip 10” wire stripper 206-124	1	“Quickstrip 16” wire stripper 206-125	1
Item-Specific Accessories		Item-Specific Accessories	
“Standard” blade cassette, 0.02 mm ² to 10 mm ²  206-126	1	“Standard” blade cassette, 4 mm ² - 16 mm ²  206-128	1
“V” blade cassette, 0.1 mm ² to 4 mm ² for PTFE  206-127	1		



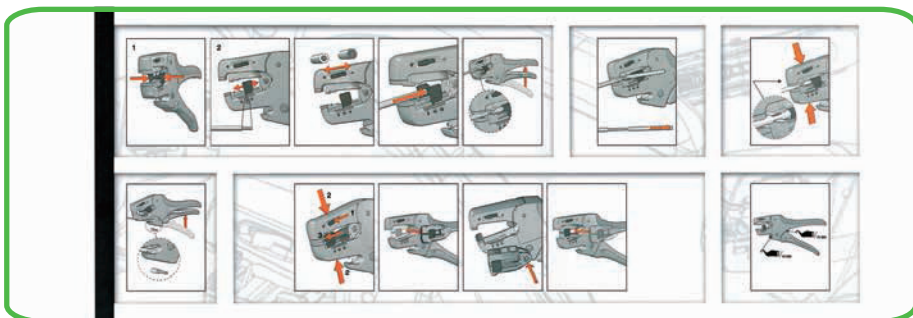
Cutting



Stripping

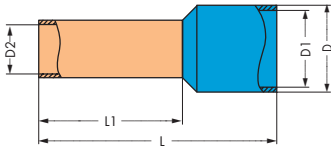
- Automatically adjusts to conductor size.
- No damage to conductor strands.
- Gripping pressure of jaws automatically adjusts to conductor insulation diameter.
- Clamping jaws and stripping blades automatically open once the stripping process is completed, ensuring no damage to the conductor strands.
- Exact strip length may be set by sliding red setting stop.
- Stripping blades can be replaced.
- Self-sharpening, fully protected cutter, also replaceable.*
- The complete body is made of glass fiber-reinforced polyamide.

* applies for Microstrip



Handling description included










Ferrule, insulated, tin plated, electrolytic copper, gastight crimped	Variocrimp 4 crimping tool for insulated and uninsulated ferrules 0.25 mm ² - 4 mm ² /AWG 24 - 12	Variocrimp 16 crimping tool for insulated and uninsulated ferrules 6 mm ² - 16 mm ² /AWG 10 - 6
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Ferrule, insulated, according to DIN 46228, part 4/09.90		Variocrimp 4 crimping tool, 0.25 mm ² - 4 mm ² /AWG 24 - 12		Variocrimp 16 crimping tool, 6 mm ² - 16 mm ² /AWG 10 - 6	
● yellow 216-321	1000	206-204	1	206-216	1
● yellow 216-301	1000				
● green 216-322	1000				
● green 216-302	1000				
○ white 216-221	1000				
○ white 216-201	1000				
● gray 216-222	1000				
● gray 216-202	1000				
● red 216-223	1000				
● red 216-203	1000				
● black 216-224	1000				
● black 216-204	1000				
● yellow 216-205	1000				
● blue 216-206	1000				
● gray 216-207	1000				
● yellow 216-208	100				
● red 216-209	100				
● blue 216-210	100				

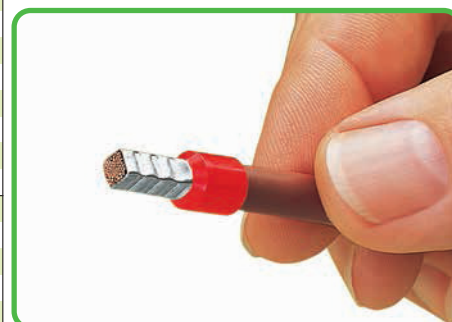
Ferrules

Technical Data










Ferrule, insulated,	Ferrule, insulated,	Ferrule, insulated,
 sleeve for 0.25 mm ² /AWG 24, 7 mm strip length, L: 10.5 mm, L1: 6 mm, D: 2.5 mm, D1: 2 mm, D2: 0.8 mm yellow 216-321	 sleeve for 0.34 mm ² /AWG 24, 9 mm strip length, L: 12.5 mm, L1: 8 mm, D: 2.5 mm, D1: 2 mm, D2: 0.8 mm green 216-302	 sleeve for 0.75 mm ² /AWG 20, 8 mm strip length, L: 12 mm, L1: 6 mm, D: 3.3 mm, D1: 2.8 mm, D2: 1.3 mm gray 216-222
 sleeve for 0.25 mm ² /AWG 24, 9 mm strip length, L: 12.5 mm, L1: 8 mm, D: 2.5 mm, D1: 2 mm, D2: 0.8 mm yellow 216-301	 sleeve for 0.5 mm ² /AWG 22, 7 mm strip length, L: 11.5 mm, L1: 6 mm, D: 3 mm, D1: 2.5 mm, D2: 1.1 mm white 216-221	 sleeve for 0.75 mm ² /AWG 20, 10 mm strip length, L: 14 mm, L1: 8 mm, D: 3.3 mm, D1: 2.8 mm, D2: 1.3 mm gray 216-202
 sleeve for 0.34 mm ² /AWG 24, 7 mm strip length, L: 10.5 mm, L1: 6 mm, D: 2.5 mm, D1: 2 mm, D2: 0.8 mm green 216-322	 sleeve for 0.5 mm ² /AWG 22, 9 mm strip length, L: 13.5 mm, L1: 8 mm, D: 3 mm, D1: 2.5 mm, D2: 1.1 mm white 216-201	 sleeve for 1 mm ² /AWG 18, 8 mm strip length, L: 12 mm, L1: 6 mm, D: 3.6 mm, D1: 3 mm, D2: 1.5 mm red 216-223

Application notes:

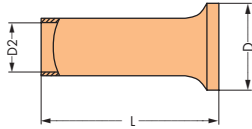
- With "Variocrimp 4," the built-in crimping pressure control automatically adjusts force to the conductor cross section used. With "Variocrimp 16," it is necessary to select the wire gauge on the tool before crimping.
- Only one crimping station is needed to handle the specified conductor size range.
- Uniform compact crimping from all four sides for high conductor retention.
- No need to center the conductor into the ferrule.
- Conductor and ferrule insertion possible from both sides (for left- and right-handers).
- Built-in ratchet mechanism ensures gastight crimp connection.
- Crimping tools open automatically after crimping operation is complete.
- Comfortable handles for operator.




















A perfect gastight crimp, both electrically and mechanically reliable.

Ferrules	
Technical Data	
Ferrule, insulated,  sleeve for 1 mm ² /AWG 18, 10 mm strip length, L: 14 mm, L1: 8 mm, D: 3.6 mm, D1: 3 mm, D2: 1.5 mm red 216-203	Ferrule, insulated,  sleeve for 6 mm ² /AWG 10, 14 mm strip length, L: 20 mm, L1: 12 mm, D: 6.8 mm, D1: 6.2 mm, D2: 3.5 mm yellow 216-208
Ferrule, insulated,  sleeve for 1.5 mm ² /AWG 16, 8 mm strip length, L: 12 mm, L1: 6 mm, D: 4 mm, D1: 3.4 mm, D2: 1.8 mm black 216-224	Ferrule, insulated,  sleeve for 10 mm ² /AWG 8, 16 mm strip length, L: 21 mm, L1: 12 mm, D: 8.1 mm, D1: 7.5 mm, D2: 4.6 mm red 216-209
Ferrule, insulated,  sleeve for 1.5 mm ² /AWG 16, 10 mm strip length, L: 14 mm, L1: 8 mm, D: 4 mm, D1: 3.4 mm, D2: 1.8 mm black 216-204	Ferrule, insulated,  sleeve for 16 mm ² /AWG 6, 23 mm strip length, L: 29 mm, L1: 18 mm, D: 9.6 mm, D1: 8.8 mm, D2: 5.8 mm blue 216-210
Ferrule, insulated,  sleeve for 2.08 mm ² /AWG 14, 10 mm strip length, L: 14.5 mm, L1: 8 mm, D: 4.2 mm, D1: 3.6 mm, D2: 2.05 mm yellow 216-205	
Ferrule, insulated,  sleeve for 2.5 mm ² /AWG 14, 10 mm strip length, L: 15 mm, L1: 8 mm, D: 4.8 mm, D1: 4.2 mm, D2: 2.3 mm blue 216-206	
Ferrule, insulated,  sleeve for 4 mm ² /AWG 12, 12 mm strip length, L: 16.8 mm, L1: 9.5 mm, D: 5.4 mm, D1: 4.8 mm, D2: 2.9 mm gray 216-207	

Ferrule, uninsulated,
tin plated,
electrolytic copper,
gastight crimped

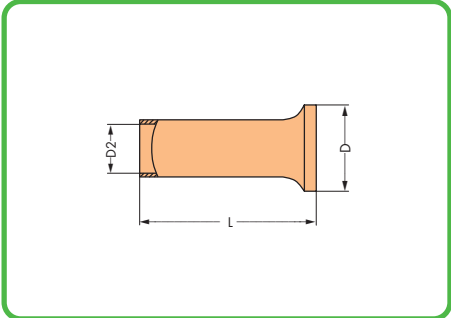


Item No.	Pack. Unit	Ferrules		
Ferrule, uninsulated, according to DIN 46228, part 1/08.92		Technical Data		
216-151	1000	 sleeve for 0.34 mm ² /AWG 24, 7 mm strip length, L: 7 mm, D: 1.7 mm, D2: 0.85 mm	 sleeve for 1 mm ² /AWG 18, 8 mm strip length, L: 8 mm, D: 2.5 mm, D2: 1.4 mm	
216-131	1000			
216-152	1000			
216-132	1000			
216-121	1000			
216-101	1000			
216-122	1000			
216-102	1000	 sleeve for 0.5 mm ² /AWG 22, 6 mm strip length, L: 6 mm, D: 2.1 mm, D2: 1 mm	 sleeve for 1.5 mm ² /AWG 16, 6 mm strip length, L: 6 mm, D: 2.8 mm, D2: 1.7 mm	
216-123	1000			
216-103	1000			
216-124	1000			
216-104	1000			
216-106	1000			
216-107	1000			
216-108	250			
216-109	250			
216-110	250			
Ferrules		 sleeve for 0.5 mm ² /AWG 22, 8 mm strip length, L: 8 mm, D: 2.1 mm, D2: 1 mm	 sleeve for 1.5 mm ² /AWG 16, 8 mm strip length, L: 8 mm, D: 2.8 mm, D2: 1.7 mm	
Technical Data				
 sleeve for 0.25 mm ² /AWG 24, 5 mm strip length, L: 5 mm, D: 1.7 mm, D2: 0.75 mm		 sleeve for 0.75 mm ² /AWG 20, 6 mm strip length, L: 6 mm, D: 2.3 mm, D2: 1.2 mm	 sleeve for 2.5 mm ² /AWG 14, 10 mm strip length, L: 10 mm, D: 3.4 mm, D2: 2.2 mm	
216-151		216-122	216-106	
 sleeve for 0.25 mm ² /AWG 24, 7 mm strip length, L: 7 mm, D: 1.7 mm, D2: 0.75 mm		 sleeve for 0.75 mm ² /AWG 20, 8 mm strip length, L: 8 mm, D: 2.3 mm, D2: 1.2 mm	 sleeve for 4 mm ² /AWG 12, 10 mm strip length, L: 10 mm, D: 4 mm, D2: 2.8 mm	
216-131		216-102	216-107	
 sleeve for 0.34 mm ² /AWG 24, 5 mm strip length, L: 5 mm, D: 1.7 mm, D2: 0.85 mm		 sleeve for 1 mm ² /AWG 18, 6 mm strip length, L: 6 mm, D: 2.5 mm, D2: 1.4 mm	 sleeve for 6 mm ² /AWG 10, 12 mm strip length, L: 12 mm, D: 4.7 mm, D2: 3.5 mm	
216-152		216-123	216-108	

Ferrules	
Technical Data	
 sleeve for 10 mm ² /AWG 8, 12 mm strip length, L: 12 mm, D: 5.8 mm, D2: 4.5 mm 216-109	 sleeve for 16 mm ² /AWG 6, 12 mm strip length, L: 15 mm, D: 7.5 mm, D2: 5.8 mm 216-110



Only for "Variocrimp 16":
 Adjust conductor cross section with crimping tool in open position.



For dimensions of uninsulated ferrules, see technical data.

<p>Crimping tool 25 for insulated and uninsulated ferrules crimping range: 10 mm²/AWG 8, 16 mm²/AWG 6 and 25 mm²/AWG 4</p>	<p>Crimping tool 50 for insulated and uninsulated ferrules crimping range: 35 mm²/AWG 2 and 50 mm²/AWG 1/0</p>
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Application notes

- Improved crimping for higher conductor retention
- The crimping can be done from either side (for left- or right-handed users)
- Built-in ratchet mechanism ensures gastight crimp connection
- The crimping tool automatically opens once the crimping process is completed
- Ergonomically designed handles



Item No.	Pack. Unit	Item No.	Pack. Unit
Crimping tool 25, crimping range: 10 mm ² /AWG 8, 16 mm ² /AWG 6 and 25 mm ² /AWG 4		Crimping tool 50, crimping range: 35 mm ² /AWG 2 and 50 mm ² /AWG 1/0	
206-225	1	206-250	1



Insert ferruled conductor into crimping station.



Squeeze handles until ratchet mechanism is released.

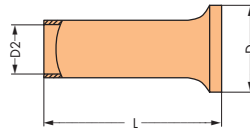
What is "gas-tight?"





In a gas-tight connection, the conductor and the ferrule are compressed together, eliminating all spaces. Under normal atmospheric conditions, neither a liquid nor a gaseous medium can penetrate into the crimped connection. Oxidation between crimped single conductors is prevented, ruling out nearly any increase in the crimped connection resistance. In some exceptional cases, minute, isolated spaces may be present. These instances can be considered as closed off due to twisted wires, however. Inadequate crimping can allow the conductor to be pulled out of the connection. Hollow spaces also remain in which oxidation can form and lead to an increase in contact resistance.

Elevated resistance is detrimental for signal transmission, as the signal flow is damped (weakened), and for power transmission, as power loss and, hence a temperature increase due to contact (risk of fire) can result. Crimping tools with built-in ratchets are recommended, such as the WAGO Variocrimp tools. These tools only open after the crimping process has been fully completed. Space-saving crimping from all four sides is ideal for spring clamp termination. Cross section data for ferruled conductors indicated for WAGO products is based on this crimping method.

Cable Cutter and Uninsulated Ferrules

Cable cutter	Ferrule, uninsulated, tin plated, electrolytic copper, gastight crimped
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Item No.	Pack. Unit	Item No.	Pack. Unit	Ferrules
Cable cutter, cutting Cu and Al conductors up to 35 mm ²		Ferrule, uninsulated		Technical Data
206-118	1	216-413	50	
		216-414	50	 sleeve for 25 mm ² /AWG 4, 25 mm strip length, L: 25 mm, D: 9.5 mm, D2: 7.3 mm 216-413
		216-424	50	
		216-425	50	
		216-435	50	
				 sleeve for 35 mm ² /AWG 2, 25 mm strip length, L: 25 mm, D: 11 mm, D2: 8.3 mm 216-414
				 sleeve for 35 mm ² /AWG 2, 30 mm strip length, L: 30 mm, D: 11 mm, D2: 8.3 mm 216-424
				 sleeve for 50 mm ² /AWG 1, 30 mm strip length, L: 30 mm, D: 13 mm, D2: 10.3 mm 216-425



Cutting a conductor.



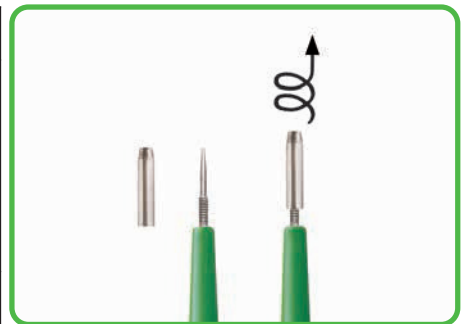
A perfect gastight crimp, both electrically and mechanically reliable.

				 sleeve for 50 mm ² /AWG 1, 35 mm strip length, L: 35 mm, D: 13 mm, D2: 10.3 mm 216-435

Profi LCD+	Profi LED+
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Item No.	Pack. Unit	Item No.	Pack. Unit
Profi LCD+, 2-pole voltage tester with LCD display, removable test probes, 4 mm Ø Measuring range: 6 V ... 1000 V AC/DC Degree of protection: IP65 Resistance measurement: up to 2000 Ω		Profi LED+, 2-pole voltage tester with LED display, removable test probes, 4 mm Ø Measuring range: 6 V ... 1000 V AC/DC Degree of protection: IP65 Resistance measurement: up to 2000 Ω	
206-807	1	206-806	1
Item-Specific Accessories		Item-Specific Accessories	
Spare test probes, 4 mm Ø (2 pieces)		Spare test probes, 4 mm Ø (2 pieces)	
206-808	25	206-808	25



Profi LCD+ and Profi LED+

- Improved socket contact via 4 mm Ø test probes
- Removable test probes for small test ports (suitable for all WAGO terminal blocks)



Additional product features for Profi LCD+:

- Automatic measurement range selection
- Single-pole phase testing AC >100 V
- Two-pole sequence testing (R and L)
- Continuity testing
- FI/RCD testing (30 mA) via buttons
- One-hand operation for SCHUKO and CEE sockets
- LED torch lamp function
- Automatic backlight
- Auto power-Off function
- CAT IV 1000 V
- IEC/EN 61243-3 (DIN VDE 0682-401)




Additional product features for Profi LED+:

- Automatic measurement range selection
- Single-pole phase testing AC >100 V
- Two-pole sequence testing (R and L)
- Continuity testing
- FI/RCD testing (30 mA) via buttons
- One-hand operation for SCHUKO and CEE sockets
- LED torch lamp function
- CAT IV 1000 V
- TÜV/GS tested and approved
- IEC/EN 61243-3 (DIN VDE 0682-401)

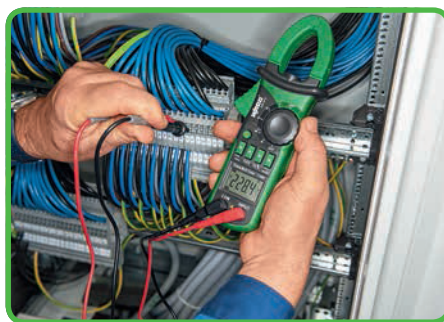
Multi-Tester	Clamp-Multi-Tester	Testboy
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Multi-Tester, Digital multimeter with contact-less voltage tester, Includes: carrying case Measuring range: AC/DC 600 V AC/DC 10 A Resistance measurement: up to 20 MΩ		Clamp-Multi-Tester, digital clamp meter DC and AC current up to 600 A - True RMS and min./max. value measurement - DC and AC voltage up to 600 V - Manual or automatic selection of measurement range - Resistance up to 60 MΩ, Capacitance measurement - Acoustical continuity test - Diode test, Data hold function - Large LCD with backlight, LED measuring point lighting - CAT III 600 V overvoltage protection, IEC/EN 61010-1 (DIN VDE 0411) - Including batteries - measurement leads and carrying bag		Testboy, with integrated flashlight Voltage range: 12 - 1000 V AC	
206-810	1	206-816	1	206-804	1
Item-Specific Accessories					
Replacement test leads, red/black					
 206-811	1				



- Additional product features for Multi Tester:**
- Contact-less voltage test AC >100 V (optical and acoustical)
 - Resistance measurement up to 20 MΩ
 - Acoustical continuity test
 - Diode test
 - Data hold function
 - Auto power-off function
 - LED torch lamp function
 - CAT IV 600 V
 - TÜV/GS tested and approved
 - IEC/EN 61010-1 (DIN VDE 0411)



Voltage testing in switchgear cabinet



A device that will reliably detect AC voltage in cables, sockets, fuses, switches, outlets, etc.



Current measurement in switchgear cabinet

- Testboy can detect the following:**
- live conductors
 - cable breaks
 - blown fuses (in cartridge or holder)
 - defective switches
 - defective lamps