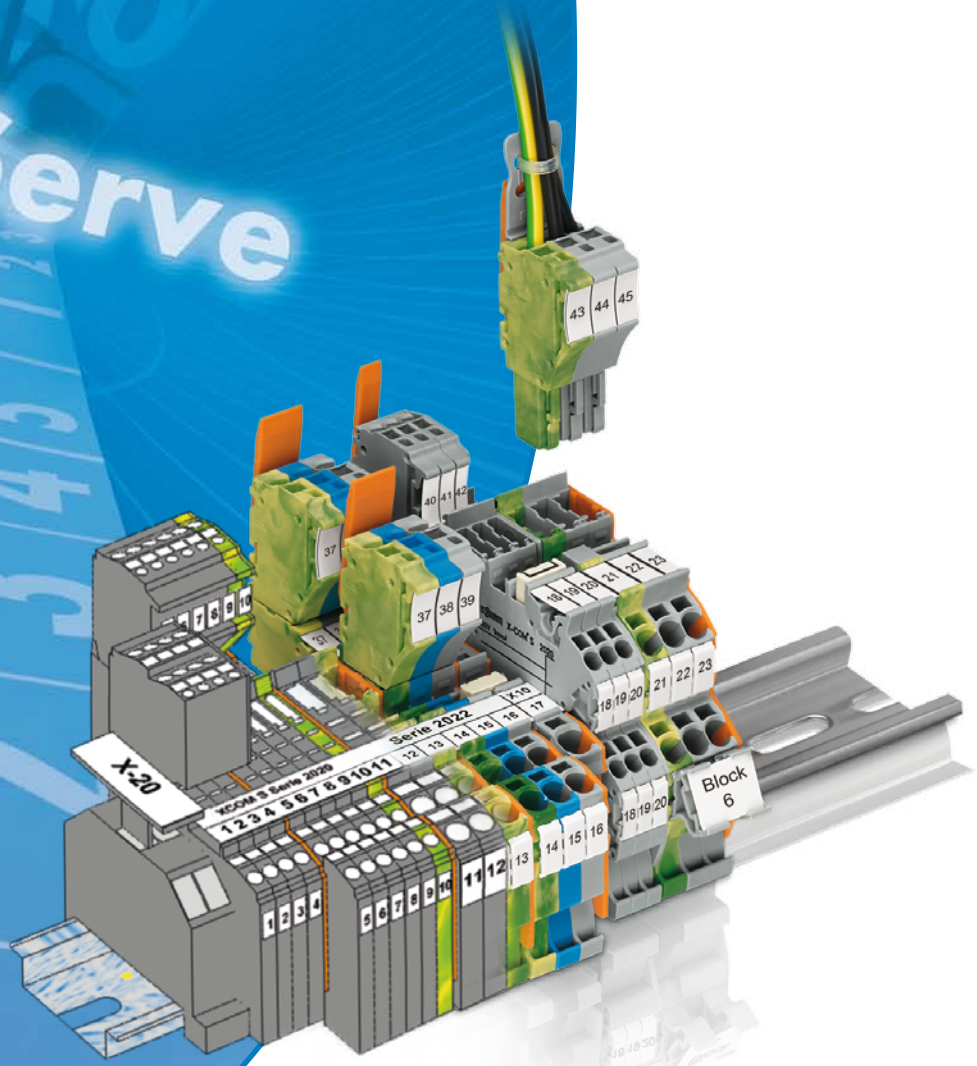
WAGO ProServe®

Designing, Assembling and Marking



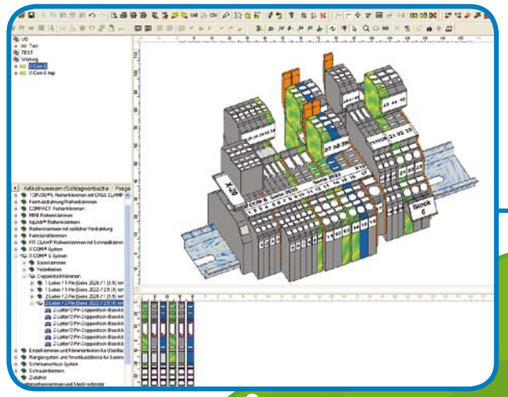
WAGO®
INNOVATIVE CONNECTIONS

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



smart DESIGNER

smartDESIGNER

productLOCATOR

product LOCATOR

smartDESIGNER and productLOCATOR

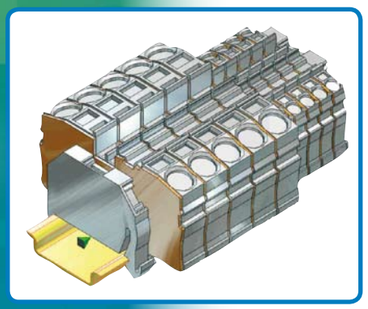
- Interfaces to CAE and M-CAD programs
- Output in PDF and HTML
- Different search functions provide quick item selection
- Creation of part lists including product pictures and custom part numbers
- Complex rail assemblies can be easily designed in 3D
- Easy creation of custom part numbers
- Creation 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

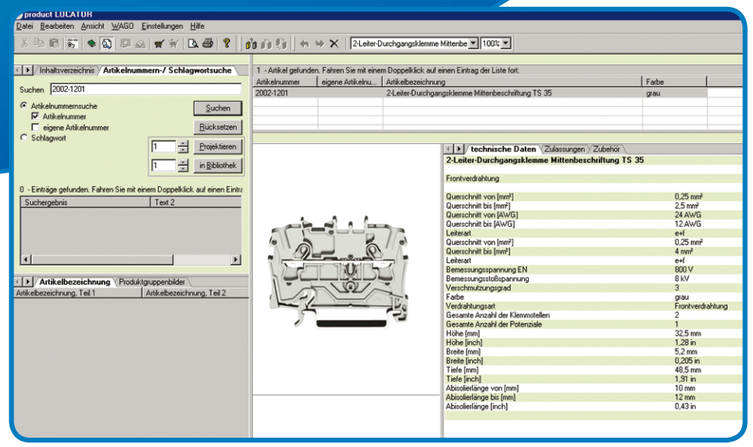
Marking:

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

CAD

STEP – IGES – DXF – DWG





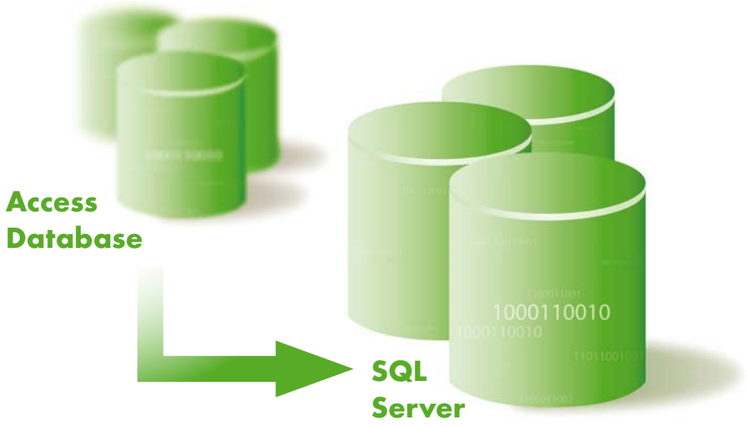
smartDESIGNER – Version 6

In Version 6, the ProServe® software was changed over from Access databases to an SQL server database. With this new version, previous individual databases are stored in a master database on the SQL server.

IMPORTANT: Only ACCESS databases of version 5.4 can be changed over to an SQL server!

Your benefits from the database changeover:

- Projects in XML format from previous versions remain available
- Increased availability
- Higher performance
- Improved network capability
- Easy update
- Safe, time-saving operation



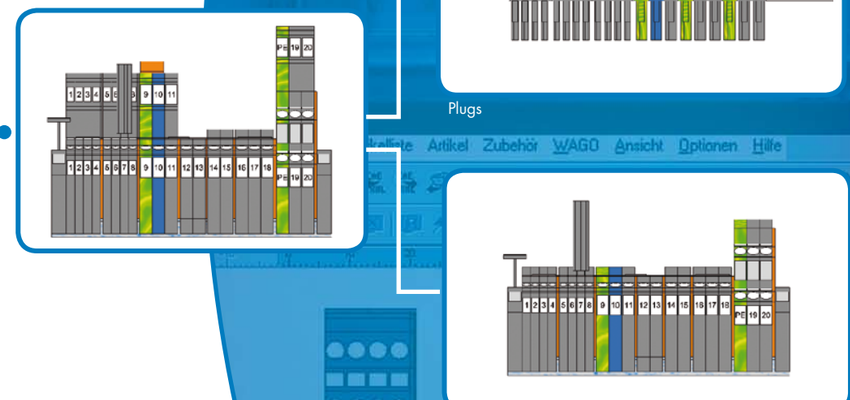
For download, please go to www.wago.com:

Service/ProServe®/Software/ Download ProServe®-Software V6

Here you can find more about the database changeover.

Dividing X-COM® projects:

- Two individual files for carrier terminal blocks and female plugs
- Faster ordering in two separate projects



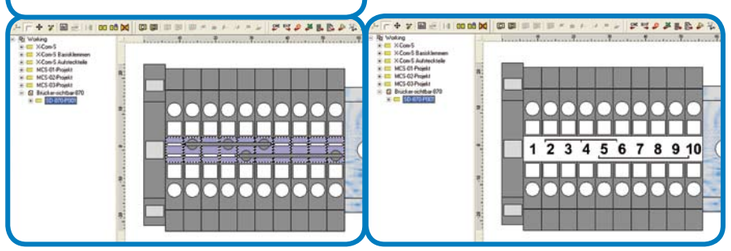
Individual MCS projects:

- Easy communication via pictures
- Creation of individual data sheets
- Time-saving production via manufacturing documents
- Time saving via improved documentation options



Jumper positions on strips:

- Jumper positions below the strip are now shown and printed on the strip especially for 870 Series
- Improved documentation for rail assembly



Further benefits of new Version 6

Export from smartDESIGNER to smartSCRIPT:

- Independent operation on "printer PC"

Marking strips – horizontal separator line:

- Individual setting of horizontal and vertical separator lines

Export of item lists:

- Different options can be selected to export parts lists into individual files or as sum list
- Easy and fast further processing, e.g. SAP

AutoSave:

- Automatic storage after 5 minutes

Compressing terminal blocks:

- Select blocks with empty spaces, click "Compress block" via right mouse button



The Marking System in Switchgear Cabinet –

All at a Glance

Marking Strips/Labels

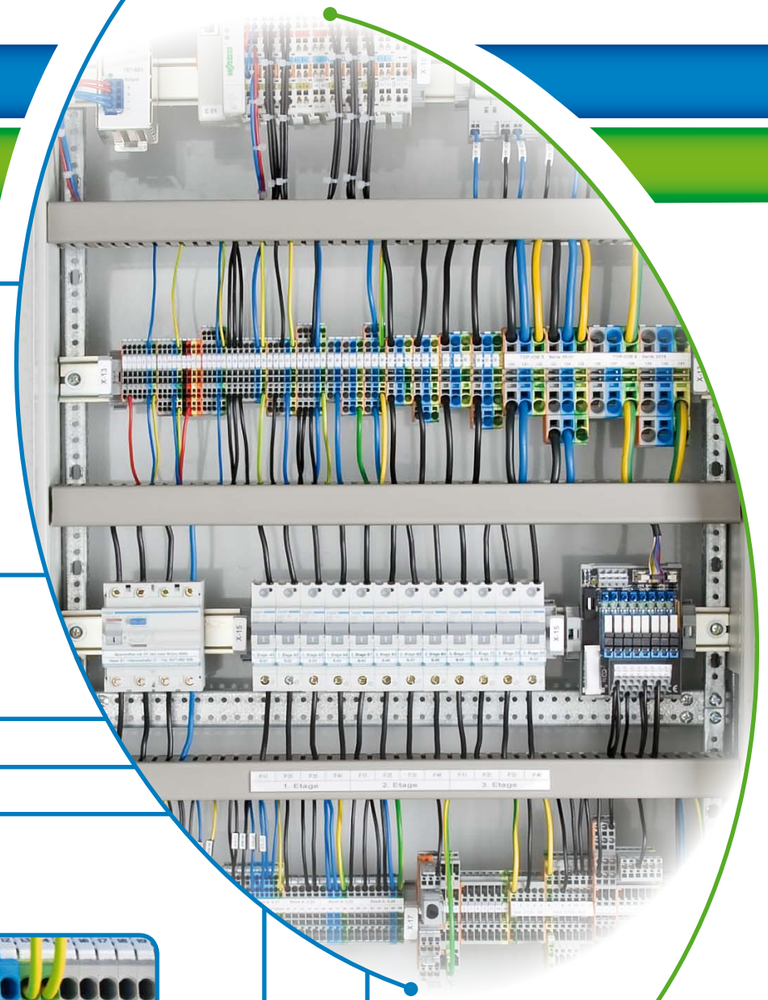
Item no.	Continuous Strips			
210-701	Marking strips	15 mm	white	50 m roll
709-120	Receptacle for marking strips		transp.	1 m long
210-732	Continuous label	3 mm	white	12 lengths at 25 m
	Labels			
210-703	Label roll	70 x 100 mm	white	500 pcs/roll
210-704	Label roll	70 x 100 mm	silver	500 pcs/roll
210-705	Label roll	6 x 15 mm	white	3000 pcs/roll
210-705/000-002	Label roll	6 x 15 mm	yellow	3000 pcs/roll
210-706	Label roll	9 x 15 mm	white	3000 pcs/roll
210-706/000-002	Label roll	9 x 15 mm	yellow	3000 pcs/roll
210-707	Label roll	8 x 20 mm	white	3000 pcs/roll
210-707/000-002	Label roll	8 x 20 mm	yellow	3000 pcs/roll
210-708	Label roll	9.5 x 25 mm	white	3000 pcs/roll



210-707/000-002



210-701 and 709-120

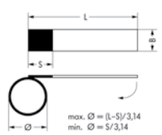


Wire Marking





Marking sleeve 12 mm, for core diameter	Item no.	Marking sleeve 23 mm, for core diameter	Item no.
Marker card for plotter, 12 mm	**211-110**	Marker card for plotter, 23 mm	**211-120**
Marker card for TT printer, 12 mm	**211-111**	Marker card for TT printer, 23 mm	**211-121**
1.6–3.2 mm or 0.25 mm²–1.5 mm²	**211-112**	1.6–3.2 mm or 0.25 mm²–1.5 mm²	**211-122**
2.2–4.5 mm or 0.5 mm²–4 mm²	**211-113**	2.2–4.5 mm or 0.5 mm²–4 mm²	**211-123**
3.7–5.9 mm or 2.5 mm²–6 mm²	**211-114**	3.7–5.9 mm or 2.5 mm²–6 mm²	**211-124**
4.8–7.5 mm or 6 mm²–16 mm²	**211-115**	4.8–7.5 mm or 6 mm²–16 mm²	**211-125**
		Marking sleeve for cable tie, 23 mm, for single cores from 10 mm	**211-129**
		Cable tie (2.5 x 100) mm	**807-0090/ 0101-0100**

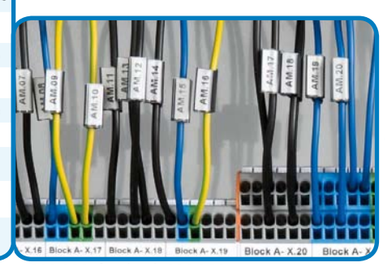


Labels on DIN A4 sheets for laser printers		Labels on roll for thermal transfer printers	
Marker surface "S" = 9 mm, "B" = 17 mm, "L" = 35 mm for cable diameter max. 8 mm		Marker surface "S" = 8 mm, "B" = 18 mm, "L" = 35 mm for cable diameter max. 9 mm	
70 labels per sheet	**211-150**	9000 labels per roll	**211-155**
Marker surface "S" = 13 mm, "B" = 21 mm, "L" = 56 mm for cable diameter max. 14 mm		Marker surface "S" = 13 mm, "B" = 23 mm, "L" = 51 mm for cable diameter max. 12 mm	
32 labels per sheet	**211-151**	5000 labels per roll	**211-156**
Cable tie marker KBM 25 x 10	**211-135**		
Core marker for threading			
on roll, 2,000 pcs, white / 0.75 - 1.5 mm	**211-161**		
on roll, 2,000 pcs, white / 2.5 - 6.0 mm	**211-162**		



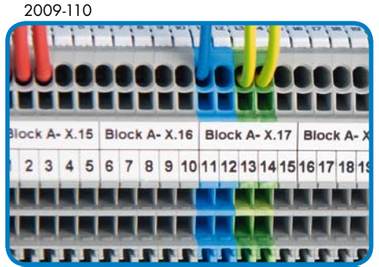
211-155 211-135


211-161



211-121, fixed with 211-129

2009-110

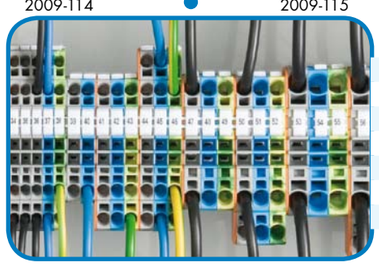


Marking Strips



... for TOPJOB®S Series	Item no.
white, plain, width 11 mm	
50 m roll	**2009-110**
... for 870, 869, 862, 270 and I/O 750 Series	
white, plain, width 7.5 mm	
50 m roll	**709-178**
300 m roll	**709-188**
translucent, plain, width 7.5 mm	
50 m roll	**709-177**
300 m roll	**709-187**

2009-114 2009-115



WMB Inline

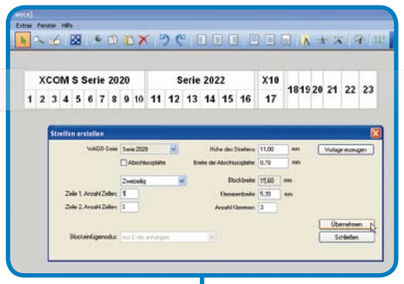


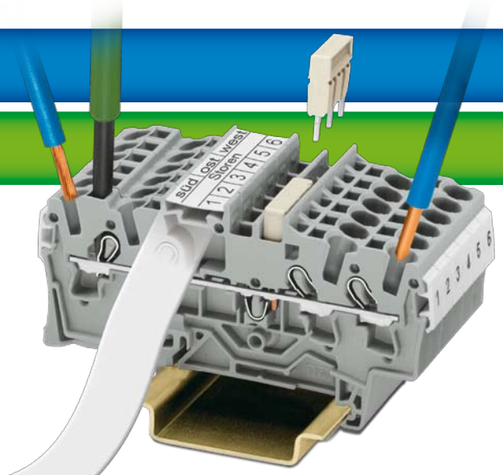
	Item no.
Pitch 5 mm, stretchable 5 mm – 5.2 mm, on roll	
white, 1,500 pieces	**2009-115**
white, 8,000 pieces	**2009-135**
Pitch 4 mm, stretchable 4 mm – 4.2 mm, on roll	
white, 2,000 pcs	**2009-114**
white, 9,500 pcs	**2009-134**

WAGO Thermal Transfer

Printer Overview







smartSCRIPT

- 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 checking
- Several languages available
- Fully compatible with EG 450 Engraver
- Direct output to thermal transfer printer
- Creation of custom markers for engraver/plotter

DYMO RHINO 6000
Item No. 258-6000

- WAGO marking cartridge for rail-mounted terminal block marking
- TOPJOB®S marking
- USB interface (processing via Windows printer drive)
- Manual print output or via smartSCRIPT
- Hotkeys for fuse marking, patch cabinets, cable and wire marking
- Own library
- Carrying case

DYMO RHINO 6000	
Included:	Hard shell case, mains adapter, battery, USB cable, software, 9 mm tape made of vinyl, white – 24 mm tape made of flexible nylon, white
Print resolution:	180 dpi
Tape ejector:	Yes
Heigths of tape:	6 mm, 9 mm, 12 mm (11 mm TOPJOB®S), 19 mm, 24 mm
Types of tape:	Permanent polyester, flexible nylon, vinyl, heat-shrinkable tube
Keyboard:	ABC
Tape cutter:	Yes
Shock protection:	Yes
Size of display:	65 x 35 mm
Weight:	898 g incl. battery
Dimensions:	245.1 x 124.9 x 65.0 mm
Symbols:	Yes
Barcode:	Yes (e.g. Code 39, Code 128, EAN 8 + 13)
PC connection:	USB
Print preview:	Yes
Hours of operation/battery:	8 hours
Battery charge indicator:	Yes

Accessories	
WAGO supplementary set for DYMO RHINO 6000 including ProServe® flyer, WAGO software and installation instructions	**Item no.** **258-6100**
Polyester strips for TOPJOB®S marking 11 mm wide strips – 5.5 m running length in a cartridge	**211-611**
Additional options:	
Adhesive strips, 9 mm, white – 5.5 m	**211-612**
Adhesive strips, 19 mm, white – 5.5 m	**211-613**
Heat-shrinkable tube, white – 9 mm x 1.5 m	**211-614**
Heat-shrinkable tube, white – 19 mm x 1.5 m	**211-615**

	TP 343 Thermal Transfer Printer	TP 298+ Thermal Transfer Printer	Accessories	
	258-343	**258-298**		**Item no.**
Printing method	Thermal/thermal transfer	Thermal/thermal transfer	**External coil mounting system**	
Print resolution	300 dpi	300 dpi	from 8,000 pcs WMB	**258-169**
Print width	max. 104 mm	108.4 mm		
Interfaces	Parallel Centronics	Serial RS-232 C	**Cutter for** TP 298	**258-161**
	USB+ETHERNET	ETHERNET10/100 USB Base T		
			Spare roller for TP 298	
			TP 298 labels	**258-177**
			TP 298 WMB Inline	**258-178**
			3-fold WMB Inline	**258-181**
			USB cable for TP 343	**258-344**

Item no.	Ink ribbon	Width	Marking accessories
258-143	Resin/wax	60 mm	Labels (paper)
258-144	Resin/wax	100 mm	Labels (paper)
			Cable marking 211-155 and 211-156
258-149	Resin	50 mm	Marking strips for 2009 Series
			Marking strips for 709 Series
			WMB Inline **(TP 298 only)**
258-150	Resin	76 mm	Wire marking 211-111 and 211-121 for labels (polyester) up to 76 mm in width
258-157	Resin	100 mm	Wire marking 211-111 and 211-121 for labels (polyester) up to 100 mm in width

Plotter – The Universal Device

Marker Cards

	Item no.
WMB 5 mm	**793-501**
WMB 4 - 4.2 mm	**793-4501**
WMB 5 - 5.2 mm	**793-5501**
WSB 5 - 8 mm	**209-501**
Miniature WSB	**248-501**
WSB 4 mm	**209-701**

Item number suffix for colored marker cards

yellow	**.../000-002**
red	**.../000-005**
blue	**.../000-006**
gray	**.../000-007**
orange	**.../000-012**
light green	**.../000-017**
green	**.../000-023**
purple	**.../000-024**



248-501



IP 350 A3/IP 350 A4 Plotters



	Item no.
IP 350 A3	**258-350**
IP 350 A4	**258-451**
Voltage range	Nominal voltage
	120-240 V~50/60 Hz
	min. 90 V ~ max. 264 V



	Item no.
IP 200	**258-200**
Plotter accessories	
Replacement cartridges 5 x 1 ml	**258-141**
Cleaning set	**258-139**
Cleaning fluid	**258-140**
Service kit	**258-147**

Plotter Pens



		Item no.
Plotter pens for outside and inside marking		
WAGO plotter pen	**Disposable**	
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**
WAGO plotter pen	**Reusable**	
0.18 mm line width		**258-226**
0.25 mm line width		**258-227**
0.35 mm line width		**258-228**
0.50 mm line width		**258-229**
WAGO plotter pen for internal marking		
0.18 mm line width, black		**258-426**
0.25 mm line width, black		**258-427**
0.35 mm line width, black		**258-428**
0.50 mm line width, black		**258-429**
0.18 mm line width, red		**258-426 /000-002**
0.25 mm line width, red		**258-427 /000-002**
0.35 mm line width, red		**258-428 /000-002**
0.50 mm line width, red		**258-429 /000-002**

EG 450 Engraver



	Item no.
Extension module for IP 350 Plotter	**258-450**
and Vacuum Cleaner "VC 450"	
incl. graver 0.3 mm + 0.4 mm	
Graver set	**258-452**
15° angled	
for processing plastics	
Graver lengths	
0.2/0.3/0.4/0.5/0.7/1.0 mm	
Calibration aid	**258-453**
Vacuum bag	**258-457**
for EG 450 Engraver	
Graver (stainless steel)	
0.2 mm graver width	**258-458/000-003**
Graver width 0.3 mm	**258-458/000-004**

Marker Card Carrier Plates for IP 350 Plotter



	Item no.
Carrier plates for WAGO	
WSB 5 mm (209-501)	**258-361**
WSB 4 mm (209-701)	**258-362**
Miniature WSB (248-501)	**258-363**
WCB (249-200)	**258-366**
WMB 5 mm (793-501)	**258-368**
Marker tags	**258-365**
Marker strips	**258-410**
WTB (799-501)	**258-367**
WAGO marker card	**258-364**
Marker tags (209-199, 209-200)	
Carrier plate	**258-369**
Carrier plates for Murrplastik	
KS 4/12, 4/18, 4/23, 4/30	**258-370**
KES, KLG, KMR, KPX, KSO, KSS, KTE,	
KWI, SKS, WGO, KAB	**258-371**
KPX	**258-396**
KSEX 18/50	**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**

	Item no.
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**
PABA	**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	**258-472**
Carrier plate for Wörtz/Allen Bradley	
Universal	**258-389**
Carrier plate for Möller	
XB M22-XST	**258-390**
Carrier plates for Partex and Contaclip	
PA+1, UBH 5	**258-391**
PA+2, UBH 10	**258-392**
Carrier plate for ABB Entrelec	
Universal	**258-394**
Carrier plates for Siemens/VIPA	
Siemens SPS/VIPA	**258-473**
Conta-Clip	
Universal	**258-398**

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WAGO®
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