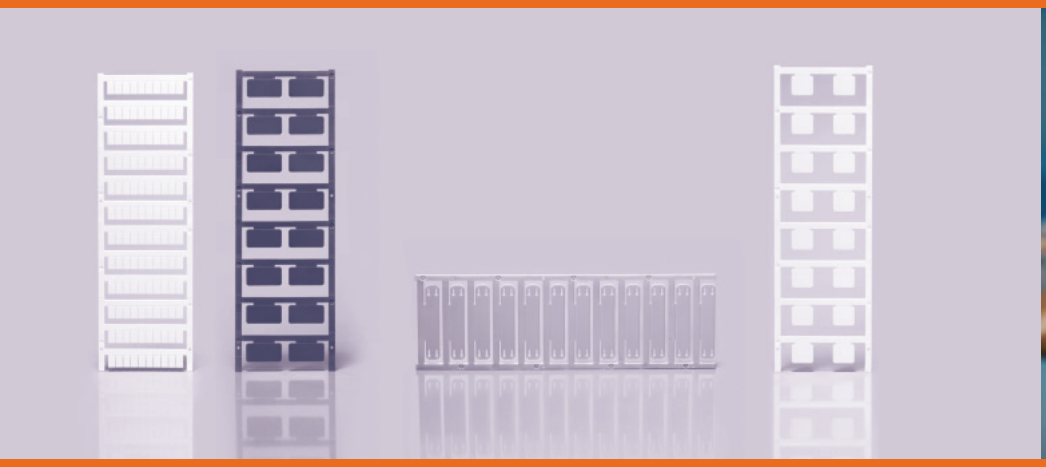

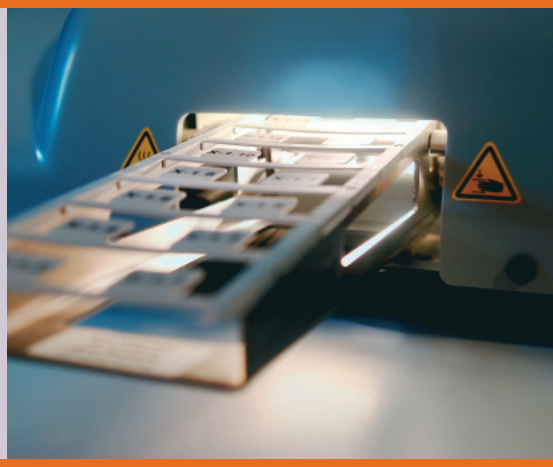

MultiCard – A Printing System for Terminals, Wires and Devices

Product Information

Weidmüller

MultiCard

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A Printing System for Terminals, Wires and Devices

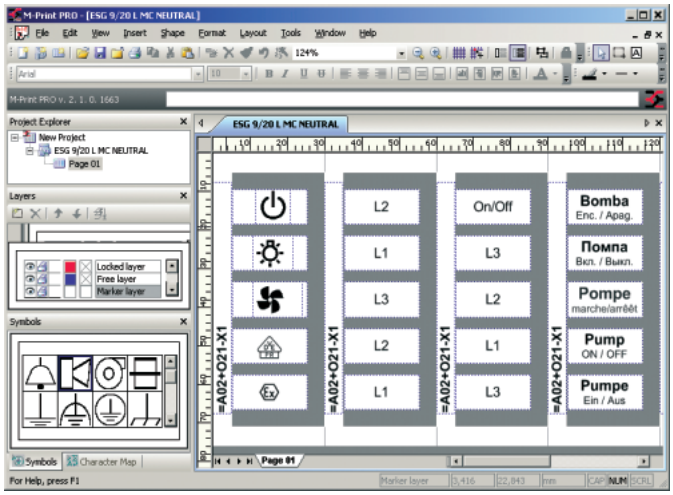
Weidmüller's MultiCard concept is a standardised, innovative printing system with more than 100 marker variants for terminal connectors, wires and cables as well as devices and installations from a wide range of manufacturers.

Versatile and rapid creation of individual printings through utilising the MultiCard system make it possible for you to save time and costs when marking your electrical installation.

The MultiCard marking system consists of a harmonised combination of:

MultiCard software

Using the software M-Print PRO, you can plan individual printing of single MultiCard strips. Independent of the sequences of the letters, it is possible to prepare markings for whole blocks of terminals in advance. You only need to create markers that you currently need – and in the sequence that the assembly dictates. Thus, you are able to prevent time-consuming puzzling games during installation procedures.



MultiCard printers

Weidmüller specially developed the printers **PrintJet** and **SpeedMarking Laser** for the MultiCard concept. No compromises were made with regard to printing quality, printing speed or operating comfort. All of the advantages of modern-day printing technology have been optimised to suit the MultiCard system.

Your advantages

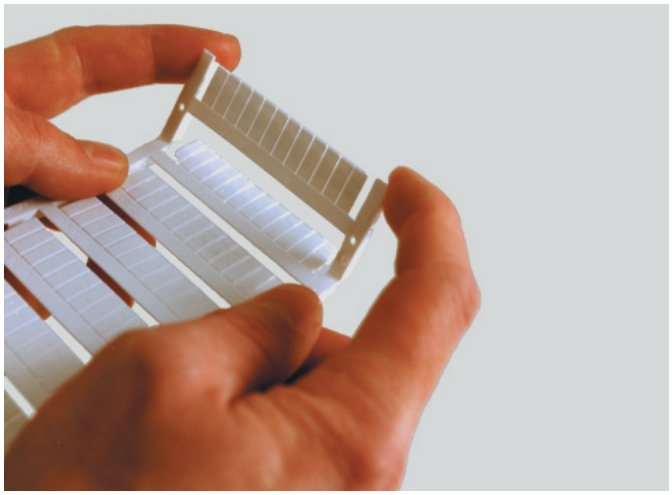
- Individual planning of markings
- No need to stock pre-printed markers

Your advantages

- Highest printing quality
- Fastest printing speed

MultiCard markers

The uniform format of the strips for individual markers forms the core of Weidmüller's MultiCard concept.
Connected in strips, individual tags can easily be separated thanks to knockout perforations or mounted as a complete strip in a single action to save time.

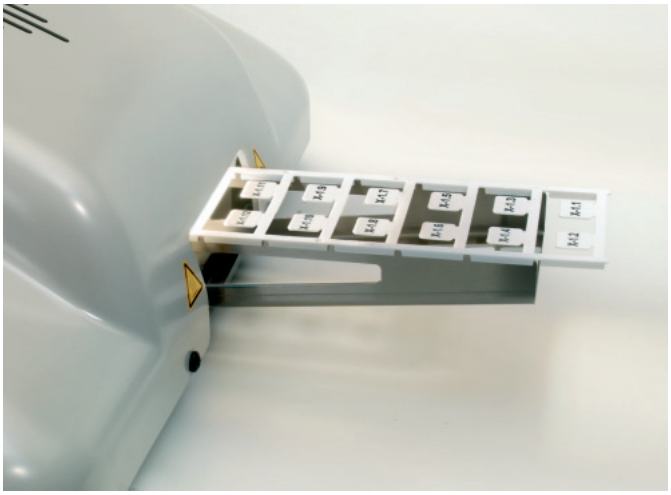


Your advantages

- **Variations to suit all your marking needs**
- **Mount as individual tag or together in strips**
- **Reduce mounting times and effort**
- **Excellent material characteristics**
- **No scraping tags together during mounting**

Everything from a single source

Utilising Weidmüller's MultiCard concept allows you to create practically all markings for terminal connectors, cables and devices of various makes with a single system. The perfectly harmonised combination of software, printer and markers guarantees the best possible printing quality and rapid results. Making use of this combination from a single-source supplier, allows you to cut back your logistics and reduce your storage requirements.



Your advantages

- **Individual components – optimised to harmonise**
- **One printing system for all applications**
- **One supplier**
- **Cut back logistics and reduce storage requirements**

Description of material

Material	Description
Polyamide	Due to its good electrical and mechanical characteristics, its versatility and lack of susceptibility to fracture, polyamide (PA) is one of the most frequently used synthetic materials in technical applications. Thanks to its chemical structure, PA is also flame resistant without the addition of flame-retarding substances. **Temperature range:** **-40 °C to +100 °C**
PVC	Soft PVC is manufactured from polyvinyl chloride and plasticisers as well as additives such as stabilisers and slip agents. It is generally transparent and can be dyed in any colour. PVC is resistant to corrosive salt solutions and most acids and alkaline solutions. Due to its chemical structure, rough PVC is non-aging; it is not affected by oxygen and ozone. **Temperature range:** **-30 °C to +80 °C**
Polypropylene	Polypropylene (PP) belongs to the polyolefine group of materials. Good chemical resistance and electrical characteristics are distinguishing features of this semi-crystalline plastic. Strongly oxidising chemicals can attack PP. **Temperature range:** **-40 °C to +80 °C**
POM	Polyacetal is also known as polyoxymethylene, abbreviated to POM. Its distinguishing characteristics include a high-degree of tensile strength, hardness and stiffness across a wide temperature range. **Temperature range:** **-60 °C to +110 °C**

Weidmüller tests and test procedures

Tests	Test conditions/requirements
Materials test	Flammability in accordance with UL94-V0 Shore A hardness test A – ISO 868 Surface resistance – DIN IEC 60093
Ageing	Due to its chemical structure, PVC is extremely non-aging; it is not affected by oxygen and ozone.
Function test of PTFE and PVC wire insulation	Suitability of markers for installation at -10 °C to +40 °C. Correct attachment test of the respective marker size for the smallest to the largest wire diameter Test for symmetry of the marker on the wire
Vibration resistance on carrier	Vibration test, industry, in accordance with: DIN EN 60068-2-6, sinusoidal (3 axes, 10 cycles per axis, acceleration 5g, frequency 10-500 Hz, sweep rate 1 octave/minute) Weidmüller test specifications – LPV 2272
Wipe resistance	Resistance of the print against the affects of hand perspiration, machine oil, water and ethanol. A slight alteration is permissible, however, clear identification (legibility) must be guaranteed. In the case of prints subject to VDE 0611 P 4 (rating plate details), the wipe resistance against water and mineral spirits is to be tested for a period of 15 minutes. Standards: DIN VDE 0611-4 / Pt. 3.1.3 DIN EN 60947-1/ Pt. 5.1 DIN EN 60742, CEI 16-7 Weidmüller test specifications – LPV 2166
Scratch resistance	No scratches must be visible on the base or the carrier following the finger-nail test. A slight alteration is permissible, however, clear identification must be guaranteed. Weidmüller test specifications – LPV 2165
UV light resistance	The function must be guaranteed. The print or colour of the product must be clearly recognisable. Standard: DIN EN ISO 4892-2; Weidmüller test specifications – LPV 2216
Chemical resistance of the print	Weidmüller test specifications – LPV 2167

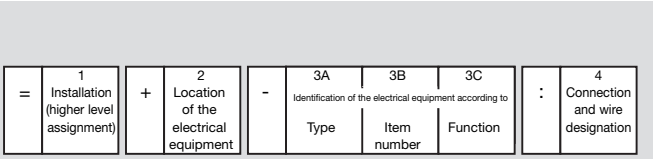
Standards and regulations for markings

Safety, ease of maintenance and gain

Markers are not an end to themselves, but are a basic requirement for rapid and reliable maintenance as well as successful troubleshooting procedures. This is a particularly important under the aspect of product reliability legislation, because when damage occurs it is possible to quickly trace the possible cause. In addition, clear and unambiguous identification of electrical equipment and installations is binding for all. Standards requiring adherence are: DIN EN 60204-1 (VDE 0113 Part 1):1998-11 [1, 2] Electrical equipment of machines; Safety group standard, Type B1 in compliance with CEN classification) and DIN EN 61082-1:1995-05 [3] previously (DIN 40719-2 [4]). A further requirement: markings should be made of non-metallic materials and be resistant to oils, water, cleaning agents based on oils as well as UV radiation.

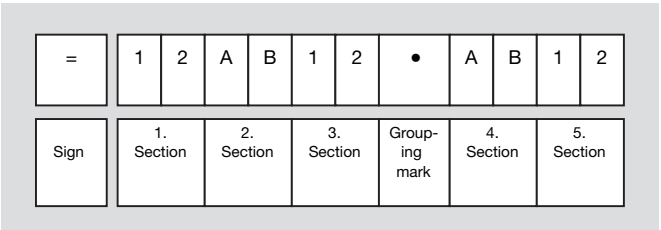
'Structured marking'

The standard DIN EN 61082-1 (VDE 0113 Part 1:1998-11 [1]) dictates that markings consist of four blocks for clear and unambiguous identification markings. If the circuit diagram lacks space, blocks not absolutely required for identification purposes can be left out. In this case, it is possible to alter the sequence of the blocks.



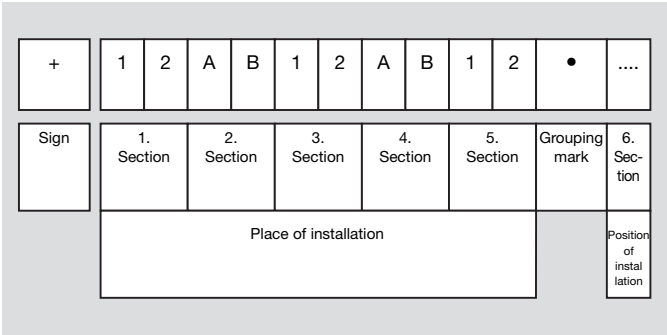
Identification block 1: 'Installation'

Block 1 with the sign '=' denotes higher level assignment. This for marking the entire installation or system. The block is divided up into five sections, which generally contain two positions. One means of differentiation is the sequence of letters and digits. There are a total of max. ten positions possible. The marking begins from the left with the largest functional unit and ends on the right with the smallest.



Identification block 2: 'Location of the electrical equipment'

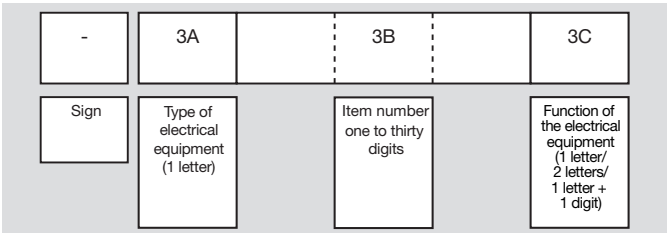
Block 2 with the sign '+' allows for rapid localisation of the electrical equipment in larger installations. As a rule, the marking consists of letters or digits that describe the co-ordinates; they are generally divided up into six sections each with two positions (in section six there are as many as eight positions). In total, a max. of 18 positions are possible. The place of installation is to the left of the group mark, the position of installation is to the right.



For practical purposes, the installation and location markings can be made using the 'ClipCard' device markers. The system consists of an identification system in MultiCard format as well as the card holder in an open design. The program is rounded off with a tag rail including transparent sleeves. The card holder has been designed to allow a wide variety of attachment options. The identification cards are supplied without markings. Of course, individual printing options are available.

Identification block 3: 'Type and function'

All electrical equipment is given a type identification by the manufacturer. In addition, identification block 3 with the '-' sign is a distinguishing feature providing information about the type and function of the electrical equipment. Block 3A is labelled using letters. The item number 3B provides information to help distinguish between items of equipment, should there be multiples of the same type of equipment in service or the blocks 3A and 3C are missing. Consecutive numbers can be used. Finally, it is possible to identify the function of the electrical equipment with 3C.

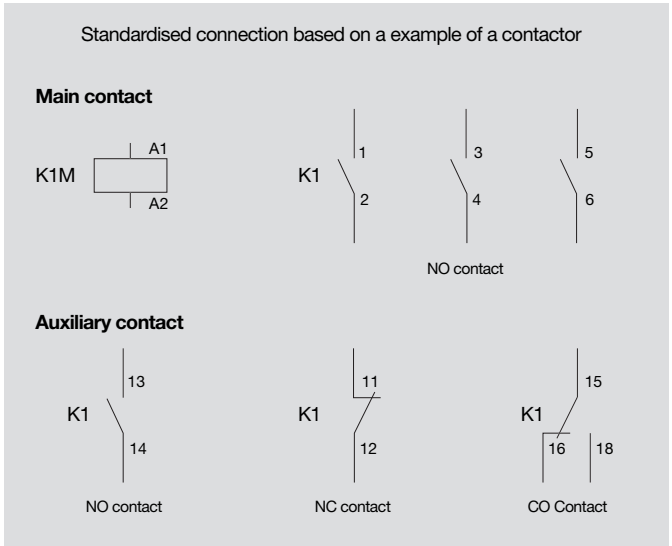


Block 3: 'Marking of electrical equipment'
Type, item number and function are differentiated. Electrical equipment identified as devices are, for example, indicator lights, contactor relays, miniature circuit-breaker, power supplies, relay couplers, terminal blocks, interface units, starting circuit breakers and all control devices.

Examples: 'Electrical equipment block 3A'

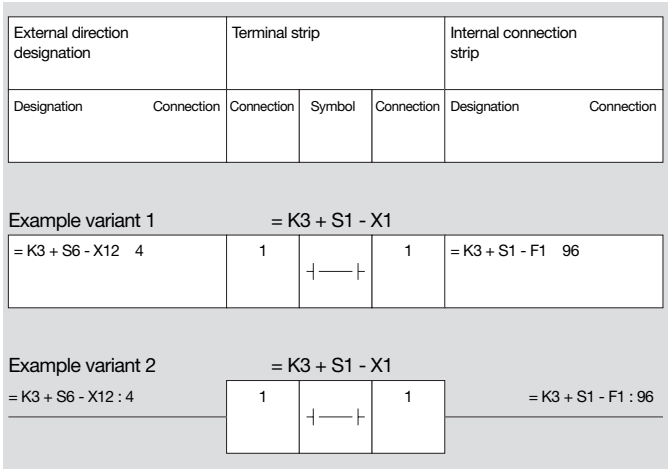
Type of device	Classification letter	Example
Switch for heavy current	Q	Starting circuit breaker, disconnector, circuit-breaker
Contactor	K	Power contactor, contactor relay, relay coupler, timing relay
Protective equipment	F	Fusible links, miniature circuit-breaker, overvoltage protection, monitoring modules
Motors	M	Three-phase motor, DC motor
Transformer	U	AD converter, modules for converting an electrical quantity into a different quantity, for example, V – I, I – f switching modules
Connection elements	X	Terminal blocks, connectors, terminal boards, socket outlets, isolating plugs

Identification block 4: 'Connection and wire designation'



Block 4 with sign ':' contains the connection and wire designation of the electrical equipment. These are laid down in standards. The companies supplying the equipment mark their devices during the manufacturing process with the corresponding designation.
Where no agreement has been reached with regard to designation or the designation is not customary in practical applications, the designation of the connection is numbered sequentially.

Direction designation (external – internal)
As well as providing a clear overview of the designations of the connection points, internal and external direction designations facilitate rapid troubleshooting tasks.
Wires connected to the terminal blocks are the most suitable for direction designations. Here the wire and cable markers show their worth with simple fixation onto the wire wire.



Literature
[1] DIN EN 60204-1 (VDE 0113 Part 1):1998-11 Safety of machinery - Electrical equipment of machines - Part1: General requirements. Berlin – Offenbach: VDE VERLAG (publishers) – available from www.vde-verlag.de.
[2] IEC 60204-1:2000-05 Safety of machinery – Electrical equipment of machines – Part 1: General requirements. Genf/Switzerland: Bureau Central de la Commission Electrotechnique Internationale – available from www.iec-normen.de.
[3] DIN EN 61082-1:1995-05 Preparation of documents used in electrotechnology – Part 1: General requirements. Berlin: Beuth – available from www.beuth.de.
[4] Z DIN 40719-2:1973-06 circuit documentation

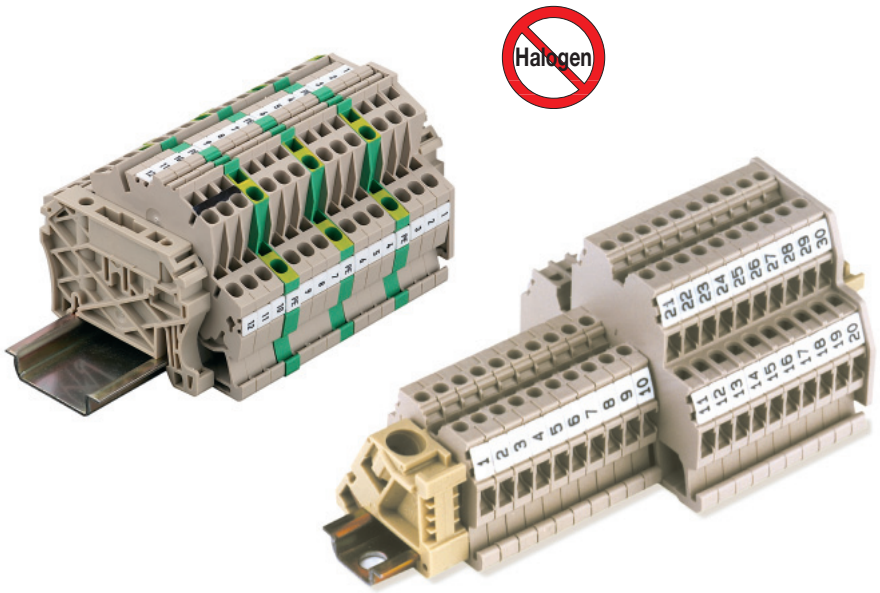
Markers for terminal connectors and plug-in connectors

Dekafix

Dekafix (DEK) markers are universal markers for all terminals and plug-in connectors as well as electronics modules. Including a wide range of ready-for-use prints, the system is particularly suitable for short sequences of digits.

Rapid strip mounting allows the markers to be clipped on in a single action. Available in five widths, the high-contrast print is easily legible.

- Large selection of ready-printed markers
- Rapid mounting in strips
- Terminal markers suitable for all Weidmüller terminal connectors



Technical data

Colour	Available in all colours of the international colour code; for MC on request
	● brown, ● red, ● orange, ● yellow, ● green, ● blue, ● violet, ● grey, ○ white
Notes on mounting	Mount in strips when marker grid (width) corresponds to the grid of the terminal blocks.
	For example, DEK 5 mm pitch for terminals with 5-mm terminal grid; such as the WDU 2,5.
	Mount individual tags when the terminal grid is larger than the marker grid.
	For example, DEK 6.5 mount individually on WDU 6.
	Weidmüller markers with 5-mm grid (width) suitable for all widths of terminals.
Possible printing systems	Plotter, SMark-Laser, PrintJet, MC-Mobilo

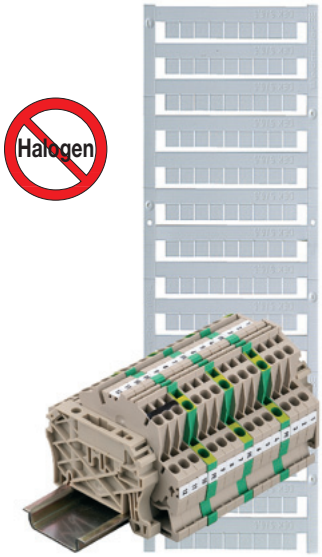
Ordering information

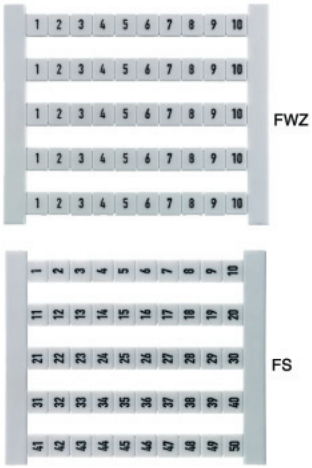
MultiCard

Minimum order quantity	1 Qty.
Package	Cardboard box

Number of characters when using plotter font

Pin size		0.18	0.25	0.35	0.18	0.25	0.35
Typeface (pt)		10	10	10	4	5	6
Tag width (mm)	**3.5**	2	2	2	5	4	3
Tag width (mm)	**5**	2	2	2	5	4	3
Tag width (mm)	**6**	2	2	2	6	5	4
Tag width (mm)	**6.5**	3	3	3	7	5	4
Tag width (mm)	**8**	4	4	4	9	7	6





Technical data

Material	Polyamide
Flammability class to UL94	V2
Temperature range °C	-40…100

Terminal width 3.5 mm — DEK

Type	Length [mm]	Qty.	Order No.
Neutral white			
DEK 5/3,5 MC	5	500	**1755270000**
Custom print white			
DEK 5/3,5 MC	5	100	**1767730000**

Terminal width 6 mm — DEK

Type	Length [mm]	Qty.	Order No.
Neutral white			
DEK 5/6 MC	5	1000	**1609820000**
Custom print white			
DEK 5/6 MC	5	200	**1609830000**

Terminal width 7.5 mm — DEK

Type	Length [mm]	Qty.	Order No.
Neutral white			
DEK 5/7,5 MC	5	320	**1720620000**
Custom print white			
DEK 5/7,5 MC	5	320	**1770490000**

Terminal width 5 mm — DEK

Type	Length [mm]	Qty.	Order No.
Neutral white			
DEK 5/5 MC	5	1000	**1609801044**
DEK 5/5 Plus MC	5	1000	**1854490000**
Custom print white			
DEK 5/5 MC	5	200	**1609810000**
DEK 5/5 Plus	5	200	**1854500000**

Terminal width 6.5 mm — DEK

Type	Length [mm]	Qty.	Order No.
Neutral white			
DEK 5/6,5 MC	5	900	**1609840000**
Custom print white			
DEK 5/6,5 MC	5	180	**1609850000**

Terminal width 8 mm — DEK

Type	Length [mm]	Qty.	Order No.
Neutral white			
DEK 5/8 MC	5	800	**1856740000**
Custom print white			
DEK 5/8 MC	5	500	**1856750000**

WS/ZS

WS markers have been optimised for W-Series terminal connectors. Thanks to their system compatibility, WS tags can be used for products from the I-Series and the Z-Series. The large marking surface is suitable for long sequences of characters as well as several lines of information.

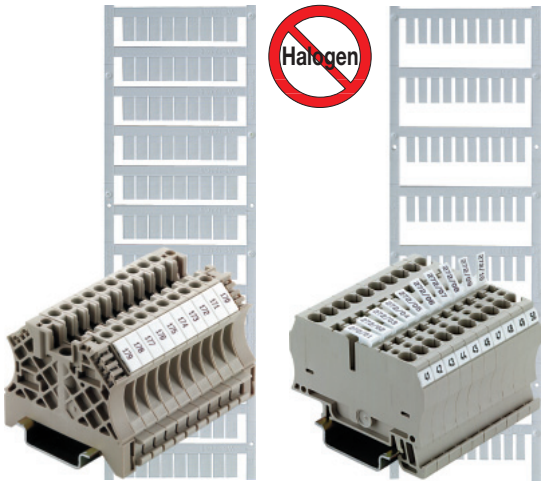
WS markers are particularly suitable for marking lengthier, individually created sequences of characters. The proven MultiCard format means it is possible to print with any of the printers Laser, PrintJet, Plotter or MC-Mobilo.

- Mount in strips or individually
- Markers available in the proven MultiCard format

ZS

ZS markers – available in the proven MulitCard format – have been specially developed for the Z-Series. They offer a large marking surface. The hinged mechanism even allows access to cross-connectors without having to dismount the markers first. Snap-on attachment of individual tags in strips guarantees rapid mounting. The individual tags can easily be separated from the strips.

- Hinged marker surface
- Mount in strips or individually
- Markers available in the proven MultiCard format



Technical data

WS

Colour	Available in all colours of the international colour code; for MC on request ● brown, ● red, ● orange, ● yellow, ● green, ● blue, ● violet, ● grey, O white
Notes on mounting	Mount in strips when marker grid (width) corresponds to the grid of the terminal blocks. For example, WS 10/6 = 6-mm terminal grid For terminals with 6-mm terminal grid such as WDU 4 Mount individual tags when the terminal grid is larger than the marker grid. For example, WS 12/6.5 mount individually on WDU 6 Weidmüller markers with 5-mm grid (width) suitable for all widths of terminals.

ZS

Colour	white
Notes on mounting	Height x width (terminal grid) Example: ZS 10/5 10 mm in height, 5 mm width = 5 mm grid
Possible printing systems	Plotter, SMark-Laser, PrintJet, MC-Mobilo

Ordering information

WS and ZS MultiCard

Definition of quantity	1 strip
Minimum order quantity	1 Qty.

WS card

WS .../5 only	
Definition of quantity	1 card = 30 items
Minimum order quantity	1 Qty.

Ordering data — Ordering data WS cards – standard print

Terminal width ≥ 5 mm Type	Print	Qty.	Order No.
WS 8...15/5			
WS 12/5	FSZ 1 - 10	300	**1773430001**
WS 12/5	FSZ 11 - 20	300	**1773430011**
WS 12/5	FSZ 21 - 30	300	**1773430021**
WS 12/5	FSZ 31 - 40	300	**1773430031**
WS 12/5	FSZ 41 - 50	300	**1773430041**
WS 12/5	FWZ 1 - 10	300	**1773330001**
WS 12/5	FWZ 11 - 20	300	**1773330011**
WS 12/5	FWZ 21 - 30	300	**1773330021**
WS 12/5	FWZ 31 - 40	300	**1773330031**
WS 12/5	FWZ 41 - 50	300	**1773330041**

Ordering data — WS card – Custom print to specifications

Terminal width ≥ 5 mm Type	Qty.	Order No.
WS 8...15/5		
WS 8/5 card	300	**1773360000**
WS 10/5 card	300	**1773370000**
WS 12/5 card	300	**1773380000**
Colour variations on request		

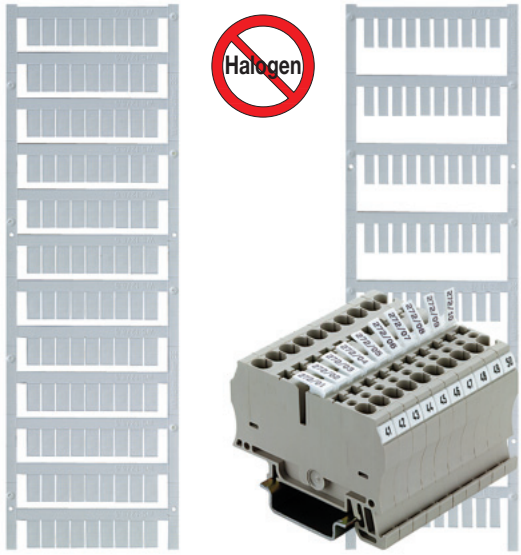
Number of characters when using plotter font

WS

Pin size		0.18	0.25	0.35	0.18	0.25	0.35
Typeface (pt)		10	10	10	4	5	6
Tag width (mm)	**8**	4	4	4	9	7	6
Tag width (mm)	**10**	4	4	4	11	9	8
Tag width (mm)	**12**	5	5	5	13	11	9
Tag width (mm)	**15**	7	7	7	17	14	11

ZS

Pin size		0.18	0.25	0.35	0.18	0.25	0.35
Typeface (pt)		10	10	10	4	5	6
Tag width (mm)	**10**	4	4	4	11	9	8
Tag width (mm)	**12**	5	5	5	13	11	9
Tag width (mm)	**15**	7	7	7	17	14	11
Carrier system (mm)		Z-Series, W-Series, SAK Series					



Technical data

Material	Polyamide
Flammability class to UL94	V2
Temperature range °C	-40…100

WS 10/5 Middle and 10/6 Middle are equipped with a centred foot.

Terminal width 3.5 mm WS/ZS

Type	Length [mm]	Qty.	Order No.
Neutral white			
WS 12/3,5 MC	12	600	**1778270000**
Custom print white			
WS 12/3,5 MC	12	120	**1778280000**

Terminal width 6 mm WS/ZS

Type	Length [mm]	Qty.	Order No.
Neutral white			
WS 10/6 MC	10	600	**1828450000**
WS 10/6 MC Middle	10	600	**1818400000**
WS 12/6 MC	12	600	**1609900000**
Custom print white			
WS 10/6 MC	10	120	**1828460000**
WS 10/6 MC Middle	10	120	**1818410000**
WS 12/6 MC	12	120	**1609910000**

Terminal width 5 mm WS/ZS

Type	Length [mm]	Qty.	Order No.
Neutral white			
ZS 10/5 MC	10	480	**1610000000**
ZS 15/5 MC	15	480	**1646630000**
Custom print white			
ZS 10/5 MC	10	96	**1610010000**
ZS 15/5 MC	15	96	**1646640000**

Terminal width 5 mm WS/ZS

Type	Length [mm]	Qty.	Order No.
Neutral white			
WS 8/5 MC	8	720	**1640740000**
WS 10/5 MC	10	720	**1635000000**
WS 10/5 MC Middle	10	720	**1792000000**
WS 12/5 MC	12	720	**1609860000**
WS 14/5 MC	14	480	**1768090000**
WS 15/5 MC	15	480	**1609880000**
Custom print white			
WS 8/5 MC	8	144	**1640750000**
WS 10/5 MC	10	144	**1635010000**
WS 10/5 MC Middle	10	144	**1792010000**
WS 12/5 MC	12	144	**1609870000**
WS 15/5 MC	15	96	**1609890000**

Terminal width 6.5 mm WS/ZS

Type	Length [mm]	Qty.	Order No.
Neutral white			
WS 12/6,5 MC	12	540	**1609920000**
Custom print white			
WS 12/6,5 MC	12	108	**1609930000**

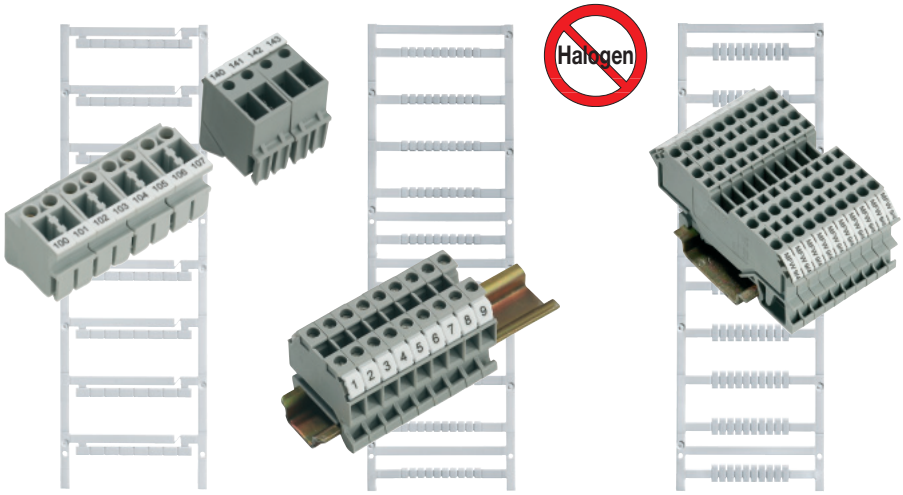
Terminal width 6 mm WS/ZS

Type	Length [mm]	Qty.	Order No.
Neutral white			
ZS 12/6 MC	12	400	**1610020000**
Custom print white			
ZS 12/6 MC	12	80	**1610030000**

MultiFit MF

MultiFit is Weidmüller's marker system for use with other makes of terminals with grids of 4 (NEW), 5, 6, 7.5 (NEW), 8 and 10 mm.

- Neutral markers for user to print with SMark-Laser, PrintJet, Plotter or MC-Mobilo
- Individually printed markers supplied based on customer CAD data or specifications
- One marker suitable for various makes of terminals



Application options

	MF 8/5	MF 10/5, MF 10/6	MF 12/5	MF 5/4, MF 5/5, MF 5/6	MF 5/5 Mini (small foot)	MFW 9/4, MF 9/5, MF 9/6	MF 9/5 F
Wago	●	●	●		● Similar to the WagoMini WSB Type 248-...264-...	● Similar to the Wago WSB Type 209-...249-...	● Similar to the Wago WMB Type 793-...794-...
Phoenix	●	●	●	● MF 5/5 Similar to the Phoenix Contact ZBF 5 MF 5/6 Similar to the Phoenix Contact ZBF 6 MF 5/4 Similar to the Phoenix ZBF 4			
Wieland	●	●	●				
Legrand	●	●	●		●	●	●
entrelec	●	●	●		●		
Télémécanique	●	●	●				

	MF 10/8	MF 10/10	MF 5/7.5	MF 10/5 MF 12/5
Wago				
Phoenix	● ZB 8	● ZB 10	● BN-ZB 7,5	
Wieland				
Legrand				
entrelec	●	●		
Télémécanique				
Adels RKW			● BZ 14	
Cabur				● Cabur

● = OK

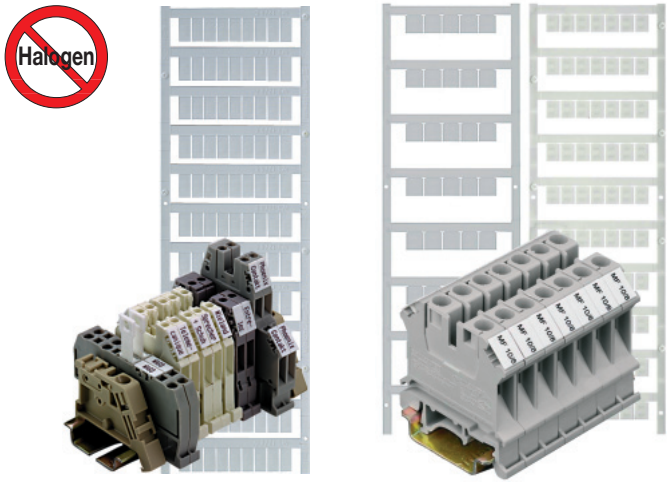
(Please select the marker according to the width of the terminal)

Number of characters when using plotter font

Pin size		0.18	0.25	0.35	0.18	0.25	0.35
Typeface (pt)		10	10	10	4	5	6
Tag width (mm)	**8**	4	4	4	9	7	6
Tag width (mm)	**10**	4	4	4	11	9	8
Tag width (mm)	**12**	5	5	5	13	11	9

General notes:

The recommended applications given here do not release the user of the responsibility in individual cases from carrying out his own tests. Ensure when selecting the markers and terminals that the marker grids and terminal grids match or that the marker grid is smaller than the terminal grid.



Technical data

Material	Polyamide 66 / halogen-free
Flammability class to UL94	V2
Temperature range °C	– 40…100
Colour	white
Notes on mounting	– Assemble in strips when the marker width = terminal width – Assemble individually when the marker width < terminal width
Possible printing systems	Plotter, SMark-Laser PrintJet, MC-Mobilo

Terminal width 4.0 mm MultiFit

Type	Length [mm]	Qty.	Order No.
Neutral white			
MF 5/4 MC	5.0	500	**1877690000**
MF-W 9/4 MC	9.0	500	**1877730000**
Custom print white			
MF 5/4 MC	5.0	500	**1877670000**
MF-W 9/4 MC	9.0	500	**1877710000**

Terminal width 5.0 mm MultiFit

Type	Length [mm]	Qty.	Order No.
Neutral white			
MF 5/5 MC	5.0	500	**1816250000**
MF 5/5 MC Mini	5.0	500	**1816240000**
MF 8/5 MC	8.0	600	**1677140000**
MF 9/5 MC	9.0	500	**1816270000**
MF 9/5F MC	9.0	500	**1816280000**
MF 10/5 MC	10.0	600	**1677160000**
MF 10/5 MC Cabur	10.0	600	**1854510000**
MF 12/5 MC	12.0	600	**1677180000**
MF 12/5 MC Cabur	12.0	600	**1854520000**
Custom print white			
MF 5/5 MC	5.0	500	**1816320000**
MF 5/5 MC Mini	5.0	500	**1816310000**
MF 8/5 MC	8.0	120	**1677150000**
MF 9/5 MC	9.0	500	**1816340000**
MF 9/5F MC	9.0	500	**1816350000**
MF 10/5 MC	10.0	120	**1677170000**
MF 12/5 MC	12.0	120	**1677190000**

Terminal width 6.0 mm MultiFit

Type	Length [mm]	Qty.	Order No.
Neutral white			
MF 5/6 MC	5.0	500	**1816260000**
MF 9/6 MC	9.0	500	**1816290000**
MF 10/6 MC	10.0	600	**1677220000**
Custom print white			
MF 5/6 MC	5.0	500	**1816330000**
MF 9/6 MC	9.0	500	**1816360000**
MF 10/6 MC	10.0	120	**1677230000**

Terminal width 7.5 mm MultiFit

Type	Length [mm]	Qty.	Order No.
Neutral white			
MF 5/7,5 MC	5.0	320	**1877680000**
Custom print white			
MF 5/7,5 MC	5.0	320	**1877660000**

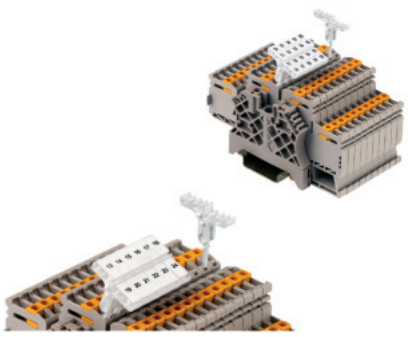
Terminal width 8.0 mm MultiFit

Type	Length [mm]	Qty.	Order No.
Neutral white			
MF 10/8 MC	10.0	350	**1868440000**
Custom print white			
MF 10/8 MC	10.0	70	**1868430000**

Terminal width 10.0 mm MultiFit

Type	Length [mm]	Qty.	Order No.
Neutral white			
MF 10/10 MC	10.0	200	**1856760000**
Custom print white			
MF 10/10 MC	10.0	40	**1856770000**

Snap Mark



This tag rail was specially developed for the two-tier terminal IDK 1.5N available in the I-Series. The versatile hinge mechanism allows effortless mounting or removal of cross-connections. It can be equipped with four DEK 5 marking tags or two WS 10/5 Middle terminal markers.

Technical data

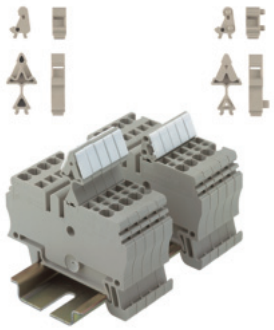
Tag carriers	
Material	Polyamide
Flammability class to UL94	V2
Temperature range °C	-40…100
Colour	white

Dimensions	
Length / width	23/5

Ordering data

Type	Length / Width [mm]	Qty.	Order No.
Snap Mark I	23/5	50	**1805880000**

BZT1 / BZT2



BZT marking tag rails are utilised for clear and unambiguous labelling of the ZDU 2.5/4/6 and ZDUA family of terminals. BZT marking tag rails are fitted with WS 10/5 terminal markers. By creating blocks of marking carriers, the ZA version offers maximum stability.

Technical data

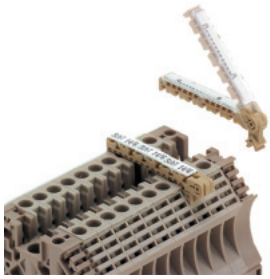
Tag carriers	
Material	Polyamide
Flammability class to UL94	V2
Temperature range °C	-40…100
Colour	beige

Dimensions	Length/Width [mm]
BZT1	8/5
BZT2	12/5

Ordering data

Type	Length / Width [mm]	Qty.	Order No.
BZT 1	8/5	100	**1805490000**
BZT 1 ZA	8/5	100	**1805520000**
BZT 2	12/5	100	**1805480000**
BZT 2 ZA	12/5	100	**1805530000**

SchT 9/4 / SchT 14/6



SchT 9/4 and SchT 14/6 are hinged group marker carriers for individual Dekafix and WS tags that allow unhindered operation of the clamping screw.

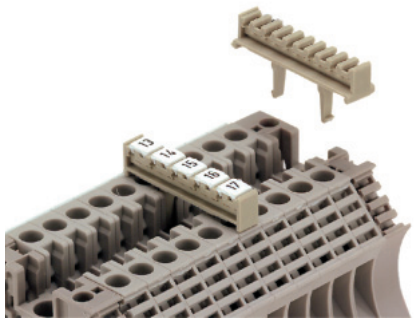
Technical data

Tag carriers	
Material	Polyamide 66
Flammability class to UL94	V2
Temperature range °C	-40…100
Colour	beige
Dimensions	
Length / width	44/6

Ordering data

Type	Length / Width [mm]	Qty.	Order No.
SCHT 14/6	44/6	20	**1269060000**
SCHT 9/4	32/4	20	**1278460000**

WGB 5 / WGB 8



Group marker carriers for individual Dekafix and WS tags. The WGB also cover the cross-connection channels.

Technical data

Tag carriers	
Material	Polyamide 66
Flammability class to UL94	V2
Temperature range °C	-40…100
Colour	beige
Dimensions	
Length / width	34/5

Ordering data

Type	Length / Width [mm]	Qty.	Order No.
WGB 5	34/5	50	**1050760000**
WGB 8	34/7.7	50	**1050960000**

Selection table – terminal markers

Terminals \ Markers	Clamping width	DEK	WS	ZS	SchT 9/4	SchT 14/6	WGB 5	WGB 8	BZT 1	BZT 2
AKE 2,5/AKZ 2,5...	5	5	-	-	-	-	-	-	-	-
AKZ 1,5...	5	5	-	-	-	-	-	-	-	-
AKZ 4.../AKB 4...	6	6	8/5	-	x	-	-	-	-	-
BZT ZVL 1,5	5.08	5	12/5	-	-	-	-	-	-	-
DLA 2,5...	6	6	8/5	-	x	x	-	-	-	-
DLD 2,5...	6	6	8/5	-	x	x	-	-	-	-
DLI 2,5	6	6	8/5	-	x	x	-	-	-	-
EW 15	9.5	5	12/5	-	x	-	-	-	-	-
EW 15/2	8	5	-	-	-	-	-	-	-	-
EW 35	8.5	5	8/5	-	-	-	-	-	-	-
EWK	8.5	5	8/5	-	-	-	-	-	-	-
EWK 1	8.5	5	8/5	-	-	-	-	-	-	-
EWK 2	8.5	5	8/5	-	-	-	-	-	-	-
IAK 1,5N 3L	5	5	10/5[2)]	10/5	-	-	-	-	-	-
IDK 1,5N	5	5	10/5[2)]	10/5	x[3)]	-	-	-	-	-
IDK 1,5N/V	5	5	10/5[2)]	10/5	-	-	-	-	-	-
IDU 1,5 N ...	5	5	10/5[2)]	10/5	-	-	-	-	-	-
IDU 2.5N...	6	6	10/6[1)]	12/6	-	-	-	-	-	-
IEK 1,5N...	5	5	10/5[2)]	10/5	-	-	-	-	-	-
IIK 1,5N...	5	5	10/5[2)]	10/5	-	-	-	-	-	-
IPE 1,5N...	5	5	10/5[2)]	10/5	-	-	-	-	-	-
IPE 2.5N...	6	6	10/6[1)]	12/6	-	-	-	-	-	-
ITR 1,5N...	5	5	10/5[2)]	10/5	-	-	-	-	-	-
ITR 2.5N...	6	6	10/6[1)]	12/6	-	-	-	-	-	-
MAK 2,5/VLI 1,5...	6	6	8/5	-	x	x	-	-	-	-
WDK 1,5/R 3,5...	3.5	3.5	-	-	-	-	-	-	-	-
WDK 2,5 ...	5	5	8/5	-	x	-	-	-	-	-
WDK 2,5 800V	6	6	8/5	-	x	-	-	-	-	-
WDK 2,5/BLA R5.08	5.08	5	8/5	-	-	-	-	-	-	-
WDK 2,5/BLZ R5.08	5.08	5	8/5	-	-	-	-	-	-	-
WDK 2.5N...	5	5	8/5	-	-	-	-	-	-	-
WDK 4N...	5	5	8/5	-	-	-	-	-	-	-
WDL 2,5/...	6	6	8/5	-	-	-	-	-	-	-
WDT 1,5	6.5	6.5	8/5	-	-	-	-	-	-	-
WDTR 2,5...	6.2	12/5	10/5	-	x	-	-	-	-	-
WDU (WPE) 120/150	32	5	12/5	-	-	-	-	-	-	-
WDU (WPE) 35 N	16	5	12/5	-	x	x	-	-	-	-
WDU (WPE) 70/95	27	5	12/5	-	-	-	-	-	-	-
WDU (WPE) 70N	20.5	5	12/5	-	x	x	-	-	-	-
WDU 1,5 LD/BLA	5.08	5	12/5	-	x	x	-	-	-	-
WDU 1,5/BLA	5.08	5	12/5	-	x	x	-	-	-	-
WDU 1,5/BLZ R7,62	7.62	5	5/7.62	-	-	-	-	-	-	-
WDU 1,5/BLZ/5,08	5.08	5	12/5	-	x	x	-	-	-	-
WDU 1,5/BLZ/LD/5,08	5.08	5	12/5	-	x	x	-	-	-	-
WDU 1,5/R 3,5...	3.5	3.5	-	-	-	-	-	-	-	-
WDU 1,5/R/BLA	5.08	5	12/5	-	x	x	-	-	-	-
WDU 1,5/ZZ	5	5	12/5	-	x	x	-	-	-	-
WDU 10 SL	10	5	12/5	-	x	x	x	x	-	-
WDU 10...	10	5	12/5	-	x	x	x	x	-	-
WDU 16 (/ZA)	12	5	12/5	-	x	x	-	-	-	-
WDU 16 N	12	5	12/5	-	x	x	-	-	-	-
WDU 2,5 F	5	5	12/5	-	-	-	-	-	-	-
WDU 2,5 FF	5	5	12/5	-	-	-	-	-	-	-
WDU 2,5 N (WDU 1,5)	5	5	12/5	-	x	x	-	-	-	-
WDU 2,5 TC...	5	5	12/5	-	x	-	-	-	-	-
WDU 2,5...	5	5	12/5	-	x	x	x	-	-	-
WDU 2,5/1,5/ZZ	5	5	12/5	-	x	x	-	-	-	-
WDU 2,5/BLZ R7,62	7.62	5	5/7.62	-	-	-	-	-	-	-
WDU 240...	36	5	12/5	-	-	-	-	-	-	-
WDU 35	16	5	12/5	-	x	x	-	-	-	-
WDU 4 ...	6	6	12/6	-	x	x	x	-	-	-
WDU 4N ...	6	6	12/6	-	x	x	-	-	-	-
WDU 50N	18.5	5	12/5	-	-	-	-	-	-	-
WDU 6 ...	8	8	12/5	-	x	x	x	x	-	-
WDU 95N	27	8	15/5	-	-	-	-	-	-	-
WDUL 4	6	6	12/6	-	x	x	x	-	-	-
WEW 32/1	12.2	5	12/5	-	x	x	-	-	-	-
WEW 35/1	12.2	5	12/5	-	x	x	-	-	-	-
WEW 35/2	8	8	12/5	-	x	x	-	-	-	-
WF 10...	35.6	6	15/5	-	-	-	-	-	-	-
WF 12...	35.6	6	15/5	-	-	-	-	-	-	-
WF 5...	13	6	15/5	-	-	-	-	-	-	-
WF 6...	19.6	6	15/5	-	-	-	-	-	-	-
WF 8...	24.6	6	15/6	-	-	-	-	-	-	-
WFF 120...	42	5	12/6.5	-	-	-	-	-	-	-
WFF 185...	55	5	12/6.5	-	-	-	-	-	-	-
WFF 300...	55	5	12/6.5	-	-	-	-	-	-	-
WFF 35...	27	5	12/5	-	-	-	-	-	-	-
WFF 70...	32	5	12/6.5	-	-	-	-	-	-	-
WMA 4...	6	6	12/6	-	x	x	x	-	-	-
WNT 10	10	5	12/5	-	x	x	-	-	-	-
WNT 16 N	12	5	12/5	-	x	x	-	-	-	-
WNT 2,5	5	5	12/5	-	x	x	-	-	-	-
WNT 35 N	16	5	12/5	-	x	x	-	-	-	-
WNT 4	6	6	12/6	-	x	x	-	-	-	-
WNT 6	8	8	12/5	-	x	x	-	-	-	-
WNT 70 N	20.5	5	12/5	-	x	x	-	-	-	-
WPE 1,5/R3,5	3.5	3.5	12/3.5	-	-	-	-	-	-	-
WPE 1,5/ZZ	5	5	12/5	-	x	x	-	-	-	-
WPE 10...	10	5	12/5	-	x	x	-	-	-	-
WPE 120	32	8	12/6.5	-	-	-	-	-	-	-
WPE 16	12	5	12/5	-	x	x	-	-	-	-
WPE 16 N	12	5	12/5	-	x	x	-	-	-	-
WPE 2,5 N (WPE 1,5)	5	5	12/5	-	x	x	-	-	-	-
WPE 2,5...	5	5	12/5	-	x	x	-	-	-	-
WPE 2,5/1,5/ZR	5	5	12/5	-	-	-	-	-	-	-
WPE 35...	16	5	12/5	-	x	x	-	-	-	-
WPE 4	6	6	12/6	-	x	x	-	-	-	-
WPE 4N	6	6	12/6	-	-	-	-	-	-	-
WPE 50N	18.5	8	12/6.5	-	-	-	-	-	-	-
WPE 6	8	8	12/5	-	x	x	-	-	-	-
WPE 95N/120N	27	8	15/5	-	-	-	-	-	-	-
WPO 4	6	6	10/6	-	-	-	-	-	-	-
WSI 6...	8	8	12/5	-	-	-	-	-	-	-
WSI 6/2...	12	8	12/6.5	-	-	-	-	-	-	-
WTD 6/1	8	8	12/5	-	-	-	-	-	-	-
WTL 4 ...	6	6	12/6	-	-	-	-	-	-	-
WTL 6/1...	8	8	12/5	-	-	-	-	-	-	-
WTL 6/2	8	8	12/5	-	-	-	-	-	-	-
WTL 6/3...	8	8	12/5	-	-	-	-	-	-	-
WTQ 6/1	8	8	12/5	-	-	-	-	-	-	-
WTR 2,5 ...	5	5	12/5	-	-	-	-	-	-	-
WTR 4...	6	6	12/6	-	-	-	-	-	-	-
ZAP/TW ZIA 1,5/...	3.8	3.5	-	-	-	-	-	-	-	-
ZDK 2,5/1,5...	5	5	12/5	15/5	-	-	-	-	-	-
ZDK 2,5-2...	5	5	10/5	10/5	-	-	-	-	-	-
ZDK 4/S/...	6	6	-	12/6	-	-	-	-	-	-
ZDK 6/S/...	8	8	-	-	-	-	-	-	-	-
ZDKPE 2,5	5	5	10/5	10/5	-	-	-	-	-	-
ZDL 2,5/...	5	5	-	10/5	-	-	-	-	-	-
ZDLD 2,5-2...	5	5	-	10/5	-	-	-	-	-	-
ZDT 2.5 ...	5	5	10/5	10/5	-	-	-	-	-	-
ZDTPE 2.5...	5	5	10/5	10/5	-	-	-	-	-	-
ZDTR 2,5	5	5	12/5	15/5	-	-	-	-	-	-
ZDU (ZPE) 10	10	5	12/5	15/5	x	-	-	-	x	x
ZDU (ZPE) 10/S...	10	5	10/5	15/5	x	-	-	-	x	x
ZDU (ZPE) 16...	12	5	12/5	15/5	x	-	-	-	x	x
ZDU (ZPE) 16/S...	12	5	10/5	15/5	x	-	-	-	x	x
ZDU (ZPE) 2,5 ...	5	5	12/5	15/5	-	-	-	-	x	x
ZDU (ZPE) 2,5-2/...	5	5	12/5	15/5	-	-	-	-	-	-
ZDU (ZPE) 35...	16	5	12/5	15/5	-	-	-	-	x	x
ZDU (ZPE) 4...	6	6	12/6	12/6	-	-	-	-	x	x
ZDU (ZPE) 4-2...	6	6	12/6	12/6	-	-	-	-	-	-
ZDU (ZPE) 6...	8	8	12/5	15/5	-	-	-	-	x	x
ZDU (ZPE) 6-2...	8	8	12/6	12/6	-	-	-	-	-	-
ZDU 1.5...	3.5	5	12/3.5	-	-	-	-	-	x	x
ZDUA (ZPEA) 2,5-2	5	5	8/5	15/5	-	-	-	-	-	-
ZDUA 2,5-2N	5	5	10/5	10/5	-	-	-	-	-	-
ZDUB (ZPEB) 2,5-2/...	5	5	8/5	15/5	-	-	-	-	-	-
ZEI 16	16	5	12/5	15/5	-	-	-	-	-	-
ZEI 6	10	8	12/5	15/5	-	-	-	-	x	x
ZEW 35/2	8	8	-	-	-	-	-	-	-	-
ZIA 1,5 ...	5.08	5	8/5	15/5	-	-	-	-	-	-
ZMAK 2,5	5	5	10/5	15/5	-	-	-	-	-	-
ZNT 10/S	10	5	-	-	-	-	-	-	-	-
ZNT 16/S	12	5	-	-	-	-	-	-	-	-
ZNT 2,5/S	5	5	10/5	10/5	-	-	-	-	-	-
ZNT 4/S	6	6	10/6	12/6	-	-	-	-	-	-
ZNT 6/S	8	8	10/6	12/6	-	-	-	-	-	-
ZP 2,5...	5	5	10/5	10/5	-	-	-	-	-	-
ZPE 16-2/1 AN	12	8	12/6	12/6	-	-	-	-	-	-
ZPV 1,5	5.08	5	12/5	15/5	x	x	-	-	-	-
ZRV 1,5...	5	5	8/5	10/5	x	x	-	-	-	-
ZSI 2,5...	8	8	12/5	15/5	-	-	-	-	-	-
ZSI 2,5/2...	12	5	12/5	15/5	-	-	-	-	-	-
ZSI 6-2/FC	8	6	12/6	12/6	-	-	-	-	-	-
ZT 2,5 ...	5	5	10/5	10/5	-	-	-	-	-	-
ZTD 6	8	8	12/6.5	-	-	-	-	-	-	-
ZTL 6	8	8	12/6.5	-	-	-	-	-	-	-
ZTPE 2,5 ...	5	5	10/5	10/5	-	-	-	-	-	-
ZTR 2,5...	5	5	12/5	15/5	-	-	-	-	-	-
ZTR 2,5-2...	5	5	14/5	10/5	-	-	-	-	-	-

1) WS 10/6 Middle; 2) WS 10/5 Middle; 3) Snap Mark

Cross Reference Table

Phoenix

	MF 5/4	MF 5/5	MF 8/5	MF 10/5	MF 12/5	MF 5/6	MF 10/6	MF 10/8	MF 10/10	MF 5/7,5
AKG 16 / 35							X			
AKG 4			X	X	X					
DFK 4…							X			
DFK 5-9,9							X			
DFK.…							X			
DIK 1,5						X	X			
DLK 2,5						X	X			
DOK 1,5						X	X			
GTF 76									X	
HDFK 10								X		
HDFK 16									X	
HDFK 25									X	
HDFK 4							X			
HDFK 50									X	
HDFK 95									X	
IL…						X				
IB…						X				
MBK 3/E-Z		X	X	X	X					
MBK 5/E-Z						X	X			
MBK 6/E								X		
MBKKB 2,5		X	X	X	X					
MBKKB 2,5		X	X	X	X					
MT 1,5	X									
MTK-LOE		X	X	X	X					
MTK-P/P		X	X	X	X					
MTK-TP		X	X	X	X					
MTTB 1,5	X									
MZB 1,5.…	X									
MZDB 1,5.…	X									
MZFK 1,5	X									
MZFKK 1,5	X									
MZFKKB 1,5	X									
OTTA 2,5								X		
OTTA 25									X	
OTTA 6									X	
PIK 4-…						X	X			
PIK 6-…								X		
PVB							X			
QT... 1,5…						X	X			
QT... 2,5…						X	X			
SC 2,5…		X								
SP 2,5…		X								
SLKK 5						X	X			
ST 1,5…	X									
ST 2,5.…		X								
ST 4.…						X				
STI 10…									X	
STI 16…									X	
STI 2,5…		X								
STI 4…						X				
STN 10									X	
STN 16									X	
STN 2,5		X								
STN 35									X	
STN 4						X				
STS 2,5…		X	X	X	X					
STS 4…						X	X			
STS 6…								X		
STTB 1,5…	X									
STTB 2,5…		X								
STTB 4…						X				
TCP		X								
TCP		X								
TMC.…							X			
TMCP-CONNECT-LR							X			
TMCP-SOCKET-M							X			
TRK 4 (grid 7.5)										X
TT-STTB-…							X			
UDK 3		X	X	X	X					
UDK 4						X	X			
UDK 4-MTK						X	X			
UDK 5-MTK						X	X			
UDMTK 5.…						X	X			
UGSK 6								X		
UGSK/S								X		
UHV 150									X	
UK 2,5 N		X	X	X	X					

	MF 5/4	MF 5/5	MF 8/5	MF 10/5	MF 12/5	MF 5/6	MF 10/6	MF 10/8	MF 10/10	MF 5/7,5
UK 3 N		X	X	X	X					
UK 35									X	
UK 5 N						X	X			
UK 5-HESI								X		
UK 5-MTK						X	X			
UK 6 N								X		
UK 6,3-HESI									X	
UK 6-FSI/C								X		
UKB 4…							X			
UKH 150									X	
UKH 240									X	
UKH 50									X	
UKH 95									X	
UKK 3		X	X	X	X					
UKK 5						X	X			
UKKB 10									X	
UKKB 10/2,5		X	X	X	X				X	
UKN 10 N									X	
UKN 16 N									X	
UKN 2,5						X	X			
UKN 35									X	
UKN 5						X	X			
UKN 6 N								X		
UK-SI						X	X			
URDK 6								X		
URKN									X	
URKN/S								X		
URTK 6								X		
URTK/S								X		
URTK/SP								X		
URTK/SS						X	X			
URTKD/SP								X		
USED 16									X	
USED 27									X	
USEN 14									X	
USEN 18									X	
USIG									X	
USK 4							X			
USKLG 1,5 N	X									
USKLG 10 N									X	
USKLG 16 N									X	
USKLG 2,5 N		X	X	X	X					
USKLG 3		X	X	X	X					
USKLG 35									X	
USKLG 5						X	X			
USKLG 50									X	
USKLG 6 N								X		
USKLG 95									X	
UT 10									X	
UT 2,5			X	X	X					
UT 4							X			
UT 6								X		
VBSN 4							X			
VBST 4							X			
VIOK 1,5						X	X			
W 80/…							X			
ZDIK 1,5…	X									
ZDMTK 2,5						X				
ZFKK 2,5-MT		X								
ZGSK 4								X		
ZPV 1,5/2,5		X	X	X	X					
ZRTK 4								X		
ZRV 8						X	X			
ZVIOK 1,5…	X									

WAGO

Feed-through terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
264-701/704/706		X			
264-711/714/716		X			
264-721/724/726		X			
264-731/734/736		X			
264-120/125/220/225		X			
279-101/104	X				
279-604/621	X				
279-626/826	X				
279-681…686	X				
279-831…836	X				
279-901…906	X				
279-989…995	X				
280-101/104			X	X	
280-601/602			X	X	
280-603/633/634			X	X	
280-604/621/826/626			X	X	
280-641/651/654			X	X	
280-646/656/946			X	X	
280-653/671/672			X	X	
280-681/684/650			X	X	
280-830…835			X	X	
280-901…906			X	X	
280-989…995			X	X	
280-996…999			X	X	
280-691			X	X	
281-101/104					X
281-601/604					X
281-631/651					X
281-652…654					X
281-663/664/668					X
281-678/681/684					X
281-901/902/904					X
281-992..994/998/691					X
282-101/104					X
282-601/604					X
282-681/682/684/687					X
282-901/902/904/907					X
282-992/993/691					X
283-101/104					X
283-601/604/607					X
283-671/672/674/677					X
283-901/902/904/907					X
283-992/998/691					X
284-101/104					X
284-601/604/607					X
284-621/624					X
284-681/682/684/687					X
284-691/992/993					X
284-901/902/904/907					X
285-194/195					X
285-601/604/607					X
285-634/635		X			X
285-691					X
285-992/995					X
290-861/864/867			X	X	
780-992/993			X		
781-992/993					X
782-992					X
783-992					X
784-992					X
785-601/604/607/613					X
792-… all		X			
812-140			X	X	X
859-…all		X			
870-681/682/684		X			
870-831/832/834		X			
870-901/902/904		X			
870-911/912/914		X			
880-661/662/664		X	X		
880-681/682/684		X	X		
880-831/832/834		X	X		
880-901/902/904		X	X		
880-961/964/962		X	X		

Protective earth terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
264-727		X			
264-737		X			
279-687	X				
279-837	X				
279-907	X				
280-107			X	X	
280-607			X	X	
280-637			X	X	
280-677			X	X	
280-687			X	X	
280-837			X	X	
280-907			X	X	
281-107					X
281-607					X
281-637					X
281-657					X
281-687					X
281-907					X
282-107					X
282-607					X
282-687					X
282-907					X
283-607					X
283-609					X
283-677					X
283-907					X
283-907					X
284-107					X
284-107					X
284-607					X
284-687					X
284-907					X
285-197					X
285-607					X
285-637		X			X
780-607			X	X	
780-637			X	X	
780-637					X
781-607					X
782-607					X
783-607					X
784-607					X
870-687		X			
870-837		X			
870-907		X			
870-917		X			
880-687		X	X		
880-837		X	X		
880-907		X	X		

Fuse terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
282-698					X
282-696					X
281-611/612/616/622					X
281-624/672					X
281-613/623					X
282-122					X
282-120					X
282-126					X
282-124					X
282-128					X

Two-tier terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
279-501/512/513	X				
279-504	X				
279-507	X				
279-508	X				
279-509	X				
279-517/527	X				
280-513			X	X	
280-517			X	X	
280-519/529			X	X	
280-520/530			X	X	
280-521/525			X	X	
280-522/526			X	X	
280-523/533			X	X	
280-524/534			X	X	
280-527/537			X	X	
280-531			X	X	
280-532			X	X	
280-543			X	X	
281-619/629					X
281-620/630					X
870-101…104		X			
870-107		X			
870-108		X			
870-117/127		X			
870-501…504		X			
870-507		X			
870-508/509		X			
870-517/527		X			
870-531…534		X			
870-535/536		X			
870-537		X			
870-538/538		X			
870-826		X			

Three- and four-tier terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
280-549/551			X	X	
280-550			X	X	
280-552			X	X	
280-547/557/597			X	X	
280-548/558			X	X	
281-531/532		X			X
870-551/553		X			
870-556		X			
870-558/559/567/577		X			
870-557		X			
281-530					X
780-601/602/604			X	X	
780-631/651/654			X	X	
781-601/604					X
781-631/651					X
782-601/604					X
784-601/604					X
783-601/604					X

Routing and potential terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
727-… all					X
280-675			X		

Honeycomb elements

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
726-… all			X		

Single terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
264-130/231		X			
264-131/230		X			
264-180264-280		X			

Pluggable relays and bases

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
286-… all	X				
786-… all	X				
788-… all			X		X
789-… all		X			

Multi-tier terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
775-641			X	X	
775-642/649			X	X	
775-646			X	X	
775-645			X	X	
777-641					X
777-642					X
777-646					X
777-645					X
777-648					X
777-647					X
777-649					X
777-651					X
777-650					X
777-652					X
776-641					X
776-645/646					X
776-649/642					X
776-650/651					X

Individual tag mounting only when terminal grid > 6 mm

Disconnect test terminal

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
280-612/614			X	X	
280-622/623/627			X	X	
280-649/676/685/695			X	X	
280-683			X	X	
280-805/836/829/839			X	X	
280-868/870/876/879		X	X		
280-869/871/880		X	X		
280-874/881/883/885		X	X		
280-875/882/884		X	X		
280-912…914			X		
281-659/660					X
281-666					X
281-683					X
281-912					X
282-131					X
282-133					X
282-135					X
282-138…141					X
282-694/699					X
282-811/821		X			X
282-860					X
282-865					X
282-866282-695/697					X
282-870					X
781-613/623			X	X	
781-643/653					X
782-613/623					X
783-613/623					X
784-613/623					X

Initiator terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
269-560		X			
269-570		X			
269-574		X			
270-560/564		X			
270-570/574		X			
270-572/577		X			
270-585/586		X			
280-553/560			X	X	
280-559			X	X	
280-561			X	X	
280-563			X	X	
280-564			X	X	
280-567			X	X	
280-570			X	X	
280-571			X	X	
280-573			X	X	
280-574			X	X	
280-577			X	X	
280-580			X	X	
280-582			X	X	
280-584			X	X	
280-584			X	X	
280-588			X	X	

Actuator terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
269-572		X			
269-585		X			
280-515			X	X	
280-554			X	X	
280-555			X	X	
280-556			X	X	
280-562			X	X	
280-565			X	X	
280-566			X	X	
280-568			X	X	
280-572			X	X	
280-575			X	X	
280-576			X	X	
280-578			X	X	
280-583			X	X	
280-585			X	X	
280-586			X	X	
280-592			X	X	
280-593			X	X	

Diode and LED terminals

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
279-620	X				
279-623	X				
279-624	X				
279-673	X				
279-674	X				
279-809	X				
279-815	X				
279-915	X				
280-613			X	X	
280-615			X	X	
280-623			X	X	
280-624			X	X	
280-655			X	X	
280-658			X	X	
280-673			X	X	
280-809			X	X	
280-815			X	X	
280-915			X	X	
280-940			X	X	
280-941			X	X	
280-942			X	X	
280-943			X	X	
281-603					X
281-633					X
281-634					X
281-635					X
281-636					X
281-665					X
281-673					X
281-915					X
870-540		X			
870-541		X			
870-542		X			
870-543		X			
870-590		X			
870-593		X			
870-596		X			

X-Com system

	MF 5/5 mini	ESG 8/11
769-… all	X	

I/O modules TOPLON

	MF 5/5 mini	ESG 8/11
750-… all	X	X

Siemens

	MF-SI 8/5	MF-SI 10/5	MF-SI 8/6	MF-SI 10/6	MF-SI 8/6-5	MF-SI 10/6-5
8WA1 011-0DG…					X	X
8WA1 011-1BG…					X	X
8WA1 011-1DG…					X	X
8WA1 011-1NG…					X	X
8WA1 011-1PG…					X	X
8WA1 011-6EG…					X	X
8WA2 011-1BF….	X	X				
8WA2 011-1BG…			X	X		
8WA2 011-1DF…	X	X				
8WA2 011-1DG…			X	X		
8WA2 011-1EF20	X	X				
8WA2 011-1LF20	X	X				
8WA2 011-1NG23			X	X		
8WA2 011-1PF…	X	X				
8WA2 011-1PG…			X	X		
8WA2 011-2BG…			X	X		
8WA2 011-2DG…			X	X		
8WA2 011-3JG…			X	X		
8WA2 011-6EG…			X	X		

Adels

	MF 5/7,5
RKV- transformer terminal	X

Beckhoff

	MF 5/5 mini	ESG 8/11
I/O modules	X	X

Woertz

	GWS 5/5	GWS 9/5	GWS 12/5	GWS 9/6	GWS 12/6
2711/60	X				
30041					X
30128					X
30143					X
30168					X
30172					X
30176					X
30191					X
30195					X
30228					X
30432				X	
30810		X			
30870				X	
30880				X	
30903		X			
33100					X
30005…9					X
30123…130					X
30137…8					X
30145…					X
30150…		X			
30197/200					X
30290…1					X
30400…405	X				
30430…				X	
30431…				X	
30544…					X
30800…					X
30840…44					X
30860…		X			
30890…1				X	
30902…				X	
30930…					X
30950…2				X	
3410…				X	
3424…9					X
3430…				X	
3436…8					X
3440…					X
3450…					X
3452…					X
3472/73/77					X
35310/3…50/3		X	X		
35310/4…90/4				X	X
35370/2…		X			

Individual tag mounting only when terminal grid > 6 mm

Allen-Bradley

	GWS 5/5	GWS 9/5	GWS 12/5	GWS 9/6	GWS 12/6	DEK 5/3.5	DEK 5/5	DEK 5/6	DEK 5/8	WS 12/3.5	WS 8/5	WS 10/5	WS 10/5 m.	WS 12/5	WS 15/5	WS 10/6	WS 10/6 m.	WS 12/6	WS 12/6.5	Ws 12/6.5	ZS 10/5	ZS 12/6	ZS 15/5
1492-J10…							X											X					
1492-J16…							X											X					
1492-J2Q…							X							X									
1492-J3…							X							X									
1492-J35…							X											X					
1492-J3F…							X							X									
1492-J3P…							X							X									
1492-J3PTP…							X							X									
1492-J3TW…							X							X									
1492-J4…								X									X						
1492-J4M…								X									X						
1492-J50…							X											X					X
1492-J6…									X									X					X
1492-J70…							X											X					
1492-JC3…							X							X								X	X
1492-JD3…							X				X												X
1492-JD3C…							X				X											X	
1492-JD3DF…							X				X												
1492-JD3DR…							X				X												
1492-JD3F…							X				X												
1492-JD3P…							X						X										
1492-JD3PSS…							X						X										
1492-JD3PSSTP							X						X										
1492-JD3PTP…							X						X										
1492-JD3RB…							X				X												
1492-JD3RC001							X				X												
1492-JD3SS…							X				X												
1492-JDC3…							X							X									
1492-JDG3…							X				X												
1492-JDG3C…							X				X												
1492-JDG3P…							X						X										
1492-JDG3PSS…							X						X										
1492-JDG3PSSTP							X						X										
1492-JDG3PTP…							X						X										
1492-JG10…									X									X					
1492-JG16…									X									X					
1492-JG2Q…							X							X									
1492-JG3…							X							X									
1492-JG35…									X									X					
1492-JG3TW…							X							X									
1492-JG4…								X									X						
1492-JG50…									X									X					
1492-JG6…									X									X					
1492-JG70…									X									X					
1492-JKD3…							X							X									
1492-JKD3TP…							X							X									
1492-JPO…								X									X						
1492-JTC3…							X							X									
1492-K2…													X										
1492-K3…																	X						
1492-KG2…													X										
1492-KG3…																	X						
1492-KW2…													X										
1492-KW3…																	X						
1492-L10…									X									X					X
1492-L16…									X									X					X
1492-L16D…									X									X					X
1492-L2…						X				X													
1492-L2Q…						X				X													
1492-L2T…						X				X													
1492-L3…							X					X									X		
1492-L35…									X									X					X
1492-L3P…							X					X											
1492-L3Q…							X					X									X		
1492-L3QS…							X					X											
1492-L3T…							X					X									X		
1492-L4…								X								X						X	
1492-L4Q…								X								X						X	
1492-L4T…								X								X						X	
1492-L6…									X									X				X	
1492-L6T…									X									X				X	
1492-LC3…							X					X											
1492-LD2…						X				x													
1492-LD2C…						X				X													
1492-LD3…							X					X											
1492-LD3C…							X					X											
1492-LD4…								X									X						

	GWS 5/5	GWS 9/5	GWS 12/5	GWS 9/6	GWS 12/6	DEK 5/3.5	DEK 5/5	DEK 5/6	DEK 5/8	WS 12/3.5	WS 8/5	WS 10/5	WS 10/5 m.	WS 12/5	WS 15/5	WS 10/6	WS 10/6 m.	WS 12/6	WS 12/6.5	Ws 12/6.5	ZS 10/5	ZS 12/6	ZS 15/5
1492-LD4C…								X								X							
1492-LD4DF…								X								X							
1492-LD4DR…								X								X							
1492-LD4RB…								X								X							
1492-LD4SS…								X								X							
1492-LDAG3…							X					X											
1492-LDC3…							X					X											
1492-LDG2…						X			X														
1492-LDG3…							X					X											
1492-LDG3P…							X					X											
1492-LDG4…								X								X							
1492-LG10…									X										X				X
1492-LG16…									X											X			X
1492-LG2…						X				X													
1492-LG3…							X					X										X	X
1492-LG35…									X											X			X
1492-LG4…								X								X						X	
1492-LG6…									X										X				X
1492-LKD3…							X					X											
1492-LM3…							X					X										X	
1492-LM3Q…							X					X										X	
1492-LMG3…							X					X										X	
1492-LMJ3…							X						X									X	
1492-LMJG3…							X						X									X	
1492-LMP3…							X					X										X	
1492-LMP3Q…							X					X										X	
1492-LS…							X																
1492-LTF3…							X						X										
1492-W16S…					X																		
1492-W3…			X																				
1492-W4…					X																		
1492-W4TW…				X																			
1492-W6…					X																		
1492-WG10S…					X																		
1492-WG16S…					X																		
1492-WG4…					X																		
1492-WG6…					X																		
1492-WM3…	X																						
1492-WM4…			X																				
1492-WMD…	X																						
1492-WMG…			X																				
1492-WR3…		X																					
1492-WTF3…		X																					
1492-WTS3…		X																					

Entrelec

	MF 5/5 mini	MF 10/5	MF 10/6	MF 10/8	MF 10/10
41 H LT…	X				
62 H…	X				
D 1,5/6…	X				
D 2,5/5…	X				
D 2,5/6…	X				
D 2,5/8…	X				
D 4/6…	X				
D 4/6…	X		X		
D 4/8	X				
DB 1,5/6…	X				
DB 2,5/8…	X				
DB 4/6…	X				
DB 4/8…	X				
DH 1,5/6…	X				
DH 2,5/8…	X				
DH 4/6…	X				
DH 4/8…	X				
DL 10/17,5…	X				
DR 1,5/5…	X				
DR 1,5/6…	X				
DR 2,5/10…	X				
DR 2,5/5…	X				
DR 2,5/8…	X				
DR 4/6…	X				
DR 4/8…	X				
DS 1,5/6…	X				
DS 2,5/8…	X				
DS 4/6…	X				
DS 4/8…	X				
H 1/10…	X				
HD 2,5/6…	X				
HD 6/14…	X				
HD 6/8…	X				
HD 6/9…		X			
M 10/10…					X
M 10/16…			X	X	X
M 10/22…			X	X	X
M 16/12…			X	X	X
M 35/16…			X	X	X
M 4/6…			X		
M 4/7…			X		
M 4/8…				X	
M 4/9…			X	X	
M 6/8…				X	
M 70/22…			X	X	X
M 95/26…			X	X	X
MA 2,5/5…		X			
MB 10/10…					X
MB 10/13…			X	X	X
MB 10/14,5…			X	X	X
MB 10/24…			X	X	X
MB 25/30…			X	X	X
MB 4/6…			X		
MB 6/8…				X	
MB 70/10…					X
MS 6/8…				X	
MS4/6…			X		
MTC 6			X		
T 1,5/5…	X				
T 2,5/5…	X				
T 2,5/6…	X				
T 4/6…	X				

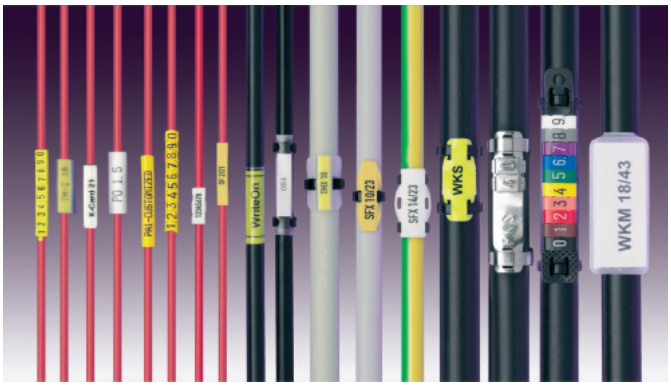
Wieland

	MF-W 9/4	MF 5/5 mini	MF 9/5	MF 9/5 F	MF 9/6
9700 A/5…	X	X	X		
9700 B…				X	
9701 A/6…A/16				X	
9760 U…				X	
9785 U…				X	
9786 U…				X	
AKB…	X	X	X		
AKT…	X	X	X		
Terminal Adapter…	X	X	X		
UET..	X	X	X		
WEB…	X	X	X		
WEG…	X	X	X		
WK / WKN 10…				X	
WK / WKN 16…150				X	
WK / WKN 2,5…	X	X	X		
WK / WKN 4…				X	
WK / WKNn 6…				X	
WK/3-6…				X	
WK/4-8…				X	
WKB 2,5…	X	X	X		
WKF 1,5…	X	X	X		
WKF 10...				X	
WKF 16...				X	
WKF 2,5...	X	X	X		
WKF 4...				X	
WKF 6...				X	
WKI 10…35				X	
WKI 4…				X	
WKM 2,5…	X	X	X		
WKM 4…					

Cabur

	MF 10/5 Cabur	MF 12/5 Cabur
CBD.2…70	X	X
TLS.2…	X	X
TLD.2…	X	X
CBR.2…	X	X
DCS.4…	X	X
DAS.4…	X	X
SPO.4…	X	X
SCB.4…6	X	X
VLO.4…	X	X
SDO.4…	X	X
SRO.4…	X	X
SZO.4…	X	X
SFR.4…	X	X
SFO.4…	X	X
FPC.10…	X	X
FPL.10…	X	X
TC/PO…	X	X
MPS.2…	X	X
AFO.2…	X	X
PDF.2…	X	X
FDP.2…	X	X
VPC.2…	X	X
CVF.4…	X	X
FFS.4…	X	X
FVS.4…	X	X
MAC.6…	X	X
CAM…	X	X
RN.1…	X	
RFI.2…	X	
RN.4…	X	
RP.4…	X	
TR.4…	X	X
TE.4…35	X	X
CBE.2…	X	

Wire and cable markers



Weidmüller's range of wire and cable markers provides users with solutions for a wide variety of applications. The applications range from thin wires through to cables with large external diameters. Amongst others, the assortment includes combination systems with individual tags, transparent sleeves and markers that are fastened using cable ties.

Open and closed, printed or neutral markers for individual printing are available.

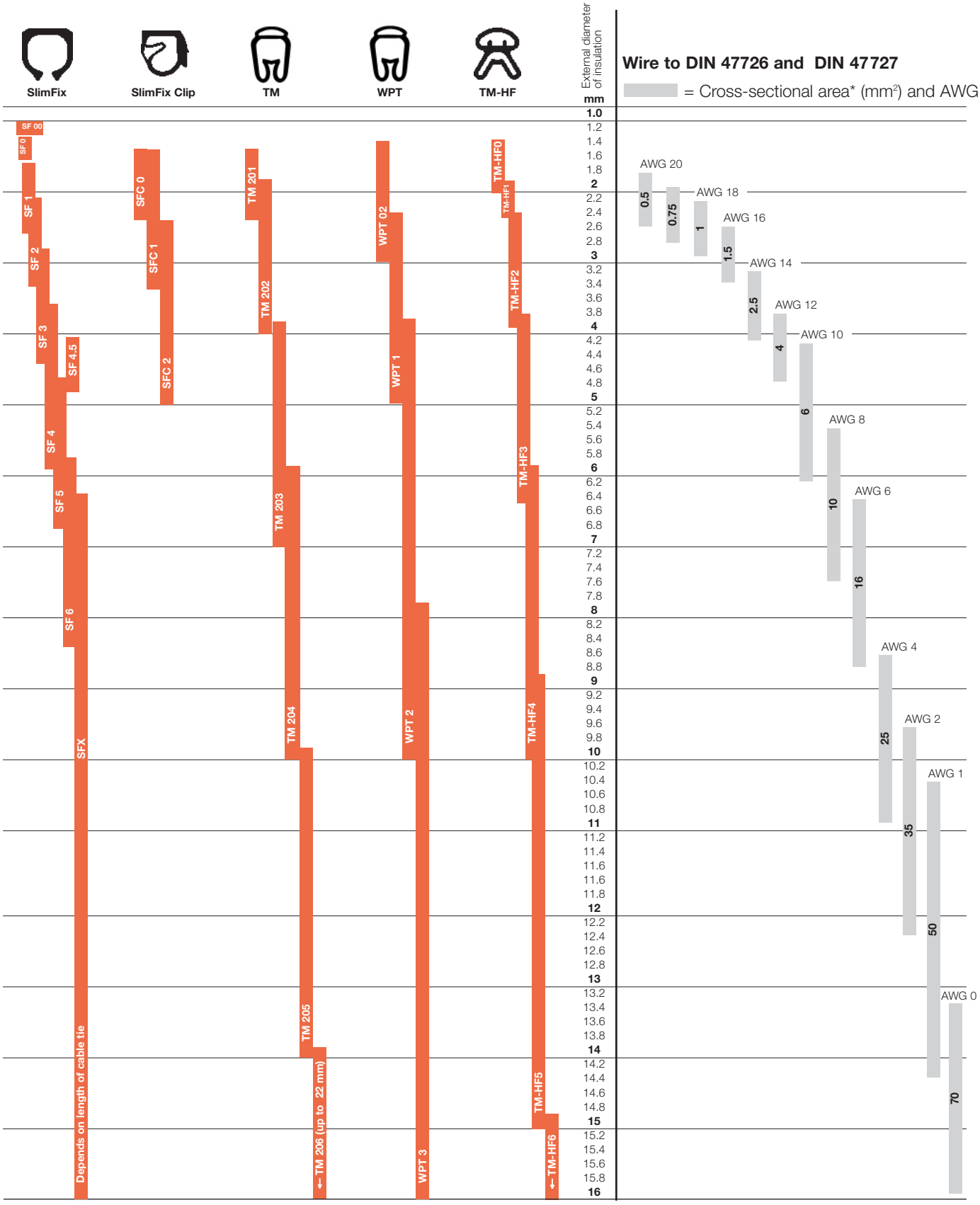
Systems are available for:

- Clip-on ready-to-use printed markers according to individual marking requirements
- Marking by digits from a standard set of characters
- Combination of individual pre-printed digits to form a character code
- Customer prints utilising one of the following options: SMark-Laser printer, PrintJet printer, laser printer, plotter, thermal transfer, Matrix printer or pen.

Halogen-free and practically free of pollutants, Weidmüller's wire and cable markers comply with both European and in-house standards of well-known system manufacturers.

A sample selection is available in Weidmüller's sample bag of wire and cable markers: order no. **1640420000**.

Matrix wire and cable markers

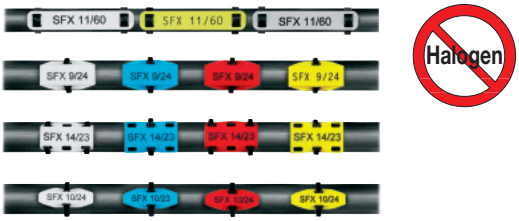


* Non-binding reference values. Please take into consideration the external diameter of the insulation.

SlimFix

SlimFix are wire and cable markers featuring a space-saving design. The markers can also be attached to the wires after these have been installed. They are made from halogen-free material and fulfil flammability class VO requirements. SlimFix is an approved and listed marker for traffic engineering. Attaching even small markers is no problem when using the SF tool.

- Halogen-free material
- Flammability class V0/V2
- Approved and listed markers, includes traffic engineering
- Attach to conductor cross-sections greater than 16.0 mm² with cable ties
- Markers available in the proven MultiCard format



SFX 10/23 SFX 14/23 SFX 9/24

Technical data

SF/SFX	
Material	Wemid / Polyamide
Flammability class to UL94	V0/V2
Temperature range	V0: –50 °C... 120 °C/V2: –40 °C... 100 °C
Possible printing systems	Plotter, SMark-Laser, PrintJet, MC-Mobilo
Colour	white, yellow, blue, red, green (grey)
Notes on mounting	SF: Slide onto unconnected wires; attach to connected wires using SlimFix tool
	SFX: Attach using cable ties

Selection table

Type	Cond. ext. Ø. (max.) mm	Cond. cross-section mm²
SF 00	1.0…1.3	< 0.25
SF 0	1.3…1.6	0.25…0.5
SF 1	1.6…2.1 (2.7)	0.5…0.75
SF 2	2.1…2.9 (3.4)	0.75…1.5
SF 3	2.9…3.6 (4.5)	1.5…2.5
SF 4	3.6… 4.5 (6.0)	2.5…4.0
SF 4,5	4.1…4.9	4.0…6.0
SF 5	4.7…5.8 (6.8)	6.0…10.0
SF 6	5.8…7.0 (8.5)	10.0…16.0
SFX	from 7.0	from 16.0

SFX only: max. width of cable tie = 3.6 mm

Ordering information

Minimum order quantity	1 Qty.

For custom print, provide details of colour and print.

Number of characters when using plotter font

Pin size		0.18	0.25	0.35	0.18	0.25	0.35
Font size (pt)		10	10	10	4	5	6
Tag width (mm)	**12**	5	5	5	13	11	9
Tag width (mm)	**21**	10	10	10	24	19	16

Printing system

The IP-220 standard plotter (**1674820000**) and the MultiCard support frame (**1610040000**) can be used for printing the sizes SF00, SF0, SF 1, SF 2, SF 3 and SFX. The plotter IP-22 special (**1674810000**) and the specified support frames are required to be able to print the complete assortment of SlimFix markers.

Ordering data — SFX neutral

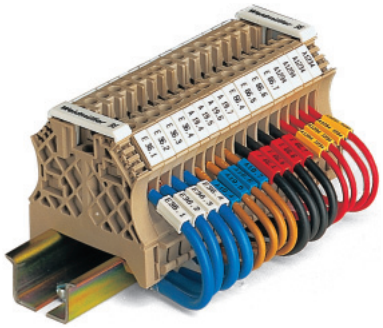
	Qty.	Order No.				
23.0 mm		**white**	**yellow**	**blue**	**red**	**grey**
SFX 10/23 V0	160	**1727750001**	**1727750004**	**1727750002**	**1727750003**	
SFX 10/23 V2	160	**1852390000**	**1852360000**	**1852400000**	**1852370000**	
SFX 14/23 V0	160	**1713660001**	**1713660004**	**1713660002**	**1713660003**	
SFX 14/23 V2	160	**1852440000**	**1852410000**	**1852450000**	**1852420000**	
24.0 mm		**white**	**yellow**	**blue**	**red**	**grey**
SFX 9/24 V0	160	**1696140001**	**1696140004**	**1696140002**	**1696140003**	
SFX 9/24 V2	160	**1852490000**	**1852460000**	**1852500000**	**1852470000**	
60.0 mm						
SFX 11/60	60	**1860120000**	**1860150000**			**1860130000**

Ordering data — SFX custom print

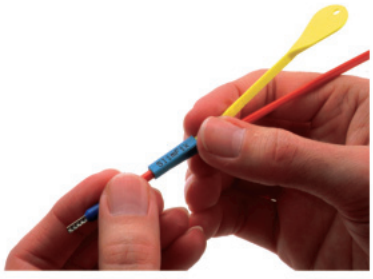
	Qty.	Order No.
23.0 mm		
SFX 10/23 V0	32	**1727760000**
SFX 10/23 V2	32	**1852380000**
SFX 14/23 V0	32	**1713670000**
SFX 14/23 V2	32	**1852430000**
24.0 mm		
SFX 9/24 V0	32	**1689500000**
SFX 9/24 V2	32	**1852480000**
60.0 mm		
SFX 11/60	12	**1860140000**

Ordering data — SlimFix Tool

	Qty.	Order No.
SF-Tool 1	10	**1782970000**
SF-Tool 2-3	10	**1782960000**
SF-Tool 4-5	10	**1782980000**
SF tool assortment	1	**1770080000**



V.2!



Technical data

Material	Polyamide
Flammability class to UL94	V2
Temperature range °C	-40…100

SlimFix Neutral

Max. ext. diameter of wire [mm]		Max. cond. cross-section [mm²]	Qty.	Order No.			
Length: 12 mm				**white**	**yellow**	**blue**	**red**
SF 00/12	1.0…1.3	…0.25	400	**1740830001**	**1740830004**	**1740830002**	**1740830003**
SF 0/12	1.3…1.6	0.25…0.5	400	**1724050001**	**1724050004**	**1724050002**	**1724050003**
SF 1/12	1.6…2.1	0.50…0.75	400	**1711320001**	**1711320004**	**1711320002**	**1711320003**
SF 2/12	2.1…2.9	0.75…1.5	400	**1711350001**	**1711350004**	**1711350002**	**1711350003**
SF 3/12	2.9…3.6	1.50…2.5	320	**1711370001**	**1711370004**	**1711370002**	**1711370003**
SF 4/12	3.6…4.5	2.50…4	128	**1743490001**	**1743490004**	**1743490002**	**1743490003**
SF 5/12	4.7…5.8	4.00…6	160	**1743500001**	**1743500004**	**1743500002**	**1743500003**
Length: 21 mm				**white**	**yellow**	**blue**	**red**
SF 00/21	1.0…1.3	…0.25	400	**1740840001**	**1740840004**	**1740840002**	**1740840003**
SF 0/21	1.3…1.6	0.25…0.5	400	**1740850001**	**1740850004**	**1740850002**	**1740850003**
SF 1/21	1.6…2.1	0.50…0.75	400	**1696090001**	**1696090004**	**1696090002**	**1696090003**
SF 2/21	2.1…2.9	0.75…1.5	400	**1696100001**	**1696100004**	**1696100002**	**1696100003**
SF 3/21	2.9…3.6	1.50…2.5	320	**1696110001**	**1696110004**	**1696110002**	**1696110003**
SF 4/21	3.6…4.5	2.50…4	192	**1696120001**	**1696120004**	**1696120002**	**1696120003**
SF 4,5/21	4.1…4.9	4.00…6	96	**1740860001**	**1740860004**	**1740860002**	**1740860003**
SF 5/21	4.7…5.8	6.00…10	160	**1696130001**	**1696130004**	**1696130002**	**1696130003**
SF 6/21	5.8…7.0	10.00…16	160	**1740870001**	**1740870004**	**1740870002**	**1740870003**

SlimFix custom print

Max. ext. diameter of wire [mm]		Max. cond. cross-section [mm²]	Qty.	Order No.
Length: 12 mm				
SF 00/12	1.0…1.3	…0.25	80	**1740880000**
SF 0/12	1.3…1.6	0.25…0.5	80	**1724060000**
SF 1/12	1.6…2.1	0.50…0.75	80	**1711330000**
SF 2/12	2.1…2.9	0.75…1.5	80	**1711360000**
SF 3/12	2.9…3.6	1.50…2.5	64	**1711380000**
SF 4/12	3.6…4.5	2.50…4	32	**1748920000**
SF 5/12	4.7…5.8	4.00…6	32	**1748930000**
Length: 21 mm				
SF 00/21	1.0…1.3	…0.25	80	**1740890000**
SF 0/21	1.3…1.6	0.25…0.5	80	**1740900000**
SF 1/21	1.6…2.1	0.50…0.75	80	**1689400000**
SF 2/21	2.1…2.9	0.75…1.5	80	**1689420000**
SF 3/21	2.9…3.6	1.50…2.5	64	**1689440000**
SF 4/21	3.6…4.5	2.50…4	48	**1689460000**
SF 4,5/21	4.1…4.9	4.00…6	32	**1740910000**
SF 5/21	4.7…5.8	6.00…10	32	**1689480000**
SF 6/21	5.8…7.0	10.00…16	32	**1740920000**

SlimFix

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- Halogen-free material
- Flammability class V0/V2
- Approved and listed markers, includes traffic engineering
- Attach to wire cross-sections above 16.0 mm²
  with cable ties
- Markers available in the proven MultiCard format

Technical data

Material	Polyamide 6.6
Flammability class to UL94	V0
Temperature range °C	-50…120 °C

SlimFix Neutral

	Qty.	Order No.			
Length: 12 mm		**white**	**yellow**	**blue**	**red**
VT SF 00/12	800	**1752200001**	**1752200004**	**1752200002**	**1752200003**
VT SF 0/12	800	**1752110001**	**1752110004**	**1752110002**	**1752110003**
VT SF 1/12	800	**1718470001**	**1718470004**	**1718470002**	**1718470003**
VT SF 2/12	800	**1718480001**	**1718480004**	**1718480002**	**1718480003**
VT SF 3/12	640	**1718490001**	**1718490004**	**1718490002**	**1718490003**
VT SF 4/12	192	**1746030001**	**1746030004**	**1746030002**	**1746030003**
VT SF 5/12	160	**1746040001**	**1746040004**	**1746040002**	**1746040003**
Length: 21 mm		**white**	**yellow**	**blue**	**red**
VT-SF 00/21	800	**1730580001**	**1730580004**	**1730580002**	**1730580003**
VT-SF 0/21	800	**1730590001**	**1730590004**	**1730590002**	**1730590003**
VT SF 1/21	800	**1689390001**	**1689390004**	**1689390002**	**1689390003**
VT SF 2/21	800	**1689410001**	**1689410004**	**1689410002**	**1689410003**
VT SF 3/21	512	**1689430001**	**1689430004**	**1689430002**	**1689430003**
VT SF 4/21	288	**1689450001**	**1689450004**	**1689450002**	**1689450003**
VT-SF 4.5/21	192	**1730570001**	**1730570004**	**1730570002**	**1730570003**
VT SF 5/21	160	**1689470001**	**1689470004**	**1689470002**	**1689470003**
VT-SF 6/21	160	**1730560001**	**1730560004**	**1730560002**	**1730560003**

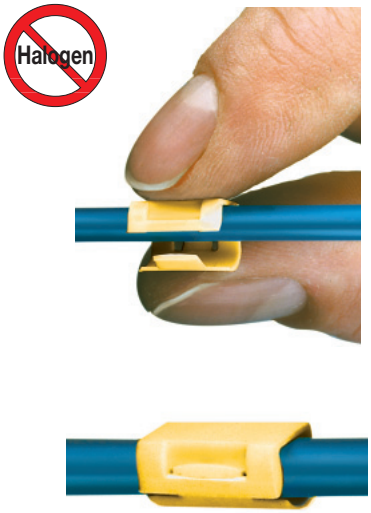
SlimFix custom print

	Qty.	Order No.
VT-SF 0/21	80	**1888850000**
VT-SF 1/21	80	**1789230000**
VT-SF 2/21	80	**1789240000**
VT-SF 3/21	64	**1789250000**
VT-SF 4/21	48	**1789260000**
VT-SF 4.5/21	32	**1789270000**
VT-SF 5/21	32	**1789280000**
VT-SF 6/21	32	**1789290000**

SlimFix Clip

The SlimFix Clip combines two advantages in one: its unique closure mechanism offers the reliability of a closed marker with ease of attaching an open marker. The Clip closure mechanism also allows quick, no fuss attachment of the markers after the wires have been installed. SlimFix Clip markers are suitable for wires and cables with external diameters up to 5 mm. Long sequences of characters are possible on the large marking surface – up to 30 mm.

- Halogen free, flammability class V2 material
- Narrow markers with reliable attachment thanks to compensation feature
- Clip closure mechanism ensures permanent attachment following wire installation
- Rapid attachment without tools
- Three sizes for wire cross-sections from 0.5 – 4.0 mm²
- Available in lengths of 12, 21 and 30 mm
- Markers available in the proven MultiCard format
- Additional marking surface for precise assignment to projects
- Custom-printed markers supplied to your specifications



Selection table

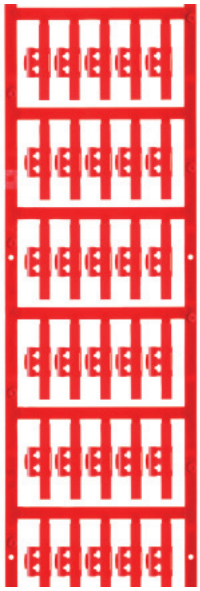
Type	Wire, ext. ø	Wire cross-section
SFC 0	1.5 – 2.5 mm	0.5 – 1.0 mm²
SFC 1	2.0 – 3.5 mm	0.75 – 2.5 mm²
SFC 2	2.5 – 5.0 mm	2.5 – 4.0 mm²

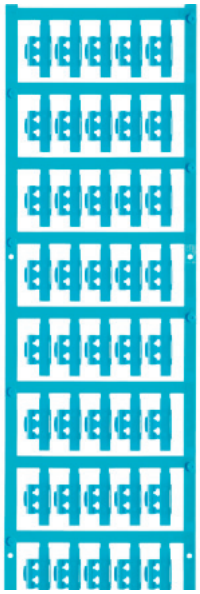
Ordering information

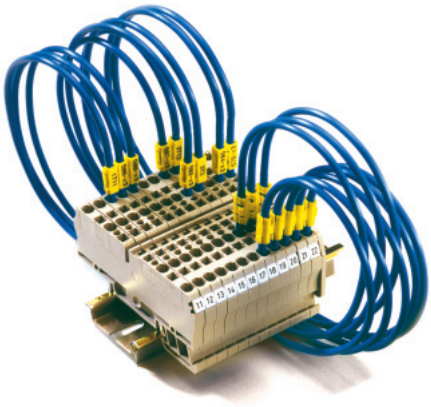
Minimum order quantity	1 Qty.

Number of characters when using plotter font

Pin size		0.18	0.25	0.35	0.18	0.25	0.35
Typeface (pt)		10	10	10	4	5	6
Tag width (mm)	**12**	5	5	5	13	11	9
Tag width (mm)	**21**	10	10	10	24	19	16







Technical data

Material	Polyamide 66
Flammability class to UL94	V2
Temperature range °C	-40…100
Dimensions	12 mm, 21 mm and 30 mm lengths
	SFC 1/12, for example, size 1, length12 mm
Colour	white, yellow, blue, red
Possible printing systems	SMark-Laser, PrintJet; please refer to printer systems
Notes on mounting	Attach to unconnected and connected wires

SFC Neutral

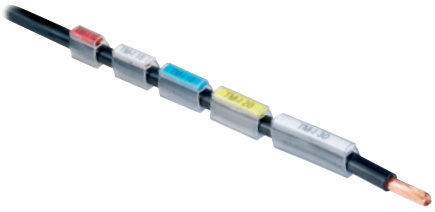
	Max. ext. diameter of wire [mm]	Max. cond. cross-section [mm²]	Qty.	Order No.			
Length: 12.0 mm				**white**	**yellow**	**blue**	**red**
SFC 0/12	1.5…2.5	0.5…1.0	200	**1813130000**	**1813160000**	**1813170000**	**1813150000**
SFC 1/12	2…3.5	0.75…2.5	200	**1747320001**	**1747320004**	**1747320002**	**1747320003**
SFC 2/12	2.5…5.0	2.5…4.0	120	**1758320001**	**1758320004**	**1758320002**	**1758320003**
Length: 21.0 mm				**white**	**yellow**	**blue**	**red**
SFC 0/21	1.5…2.5	0.5…1.0	200	**1813190000**	**1813210000**	**1813220000**	**1813200000**
SFC 1/21	2…3.5	0.75…2.5	200	**1779080001**	**1779080004**	**1779080002**	**1779080003**
SFC 2/21	2.5…5.0	2.5…4.0	120	**1805810000**	**1805780000**	**1805770000**	**1805790000**
Length: 30.0 mm				**white**	**yellow**	**blue**	**red**
SFC 0/30	1.5…2.5	0.5…1.0	150	**1813240000**	**1813260000**	**1813270000**	**1813250000**
SFC 1/30	2…3.5	0.75…2.5	150	**1805760000**	**1805730000**	**1805720000**	**1805740000**
SFC 2/30	2.5…5.0	2.5…4.0	90	**1805870000**	**1805830000**	**1805820000**	**1805850000**

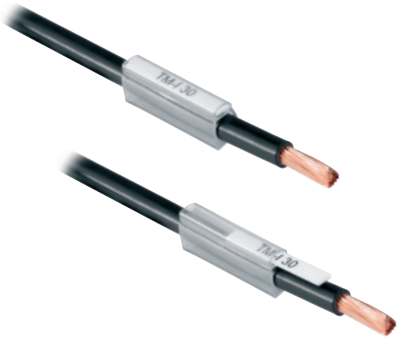
SFC custom print

	Max. ext. diameter of wire [mm]	Max. cond. cross-section [mm²]	Qty.	Order No.
Length: 12.0 mm				
SFC 0/12	1.5…2.5	0.5…1.0	40	**1813180000**
SFC 1/12	2…3.5	0.75…2.5	40	**1752720000**
SFC 2/12	2.5…5.0	2.5…4.0	24	**1763480000**
Length: 21.0 mm				
SFC 0/21	1.5…2.5	0.5…1.0	40	**1813230000**
SFC 1/21	2…3.5	0.75…2.5	40	**1779090000**
SFC 2/21	2.5…5.0	2.5…4.0	24	**1805800000**
Length: 30.0 mm				
SFC 0/30	1.5…2.5	0.5…1.0	30	**1813280000**
SFC 1/30	2…3.5	0.75…2.5	30	**1805750000**
SFC 2/30	2.5…5.0	2.5…4.0	18	**1805860000**

TM sleeve

Transparent sleeves





The extensive assortment of TM sleeves is suitable for universal use:

It covers a wide range of applications from narrow wires through to cables with large external diameters.

The assortment offers unrivalled protection for printed insert tags against external influences.

Available in five different lengths and nine sizes, TM sleeves are easy to attach

- A tag type for all sleeves
- Optimum protection of printed insert tags
- Wide range of applications for wires and cables
- A tag type for all cross-sections

Technical data

Material	PVC
Flammability class to UL 94	V 0
Temperature range	–50 ... +80 °C
Dimensions	Lengths 12 mm, 15 mm, 18 mm, 20 mm, 30 mm
Colour	Transparent
Possible marking systems	Insert tag TM-I, or PF
Minimum order quantity	1 Qty.

Ordering information TM

Type	Insulation, ext. Ø	Cond. cross-sec.
TM 201	1.5 – 2.5 mm	0.25 – 1.5 mm²
TM 202	2.0 – 4.0 mm	0.5 – 2.5 mm²
TM 203	4.0 – 7.0 mm	2.5 – 10.0 mm²
TM 204	6.0 – 10.0 mm	6.0 – 16.0 mm²
TM 205	10.0 – 14.0 mm	16.0 – 35.0 mm²
TM 206	14.0 – 22.0 mm	35.0 – 120.0 mm²
TM 207	22.0 – 30.0 mm	120.0 – 240.0 mm²
TM 208	30.0 – 35.0 mm	240.0 – 300.0 mm²
TM 209	35.0 – 40.0 mm	300.0 – 500.0 mm²

This data is provided as a guideline. It refers exclusively to the diameter of the cable.
Differing insulation materials can deviate considerably from the above values.

Ordering data TM

Type	Qty.	Order No.
TM 201/12	1000	1798640000
TM 202/12	1000	1798560000
TM 203/12	500	1798510000
TM 204/12	500	1806180000
TM 205/12	200	1806190000
TM 206/12	200	1806200000
TM 207/12	50	1806210000
TM 208/12	50	1806220000
TM 209/12	50	1806230000
TM 201/15	1000	1798620000
TM 202/15	1000	1798540000
TM 203/15	500	1798490000
TM 204/15	500	1806240000
TM 205/15	200	1806250000
TM 206/15	200	1806260000
TM 207/15	50	1806270000
TM 208/15	50	1806280000
TM 209/15	50	1806290000
TM 201/18	1000	1798600000
TM 202/18	1000	1798530000
TM 203/18	500	1798480000
TM 204/18	500	1806300000
TM 205/18	200	1806310000
TM 206/18	200	1806320000
TM 207/18	50	1806330000
TM 208/18	50	1806340000
TM 209/18	50	1806350000

Ordering data TM

Type	Qty.	Order No.
TM 201/20	1000	1798580000
TM 202/20	1000	1798520000
TM 203/20	500	1798470000
TM 204/20	500	1806360000
TM 205/20	200	1806370000
TM 206/20	200	1806380000
TM 207/20	50	1806390000
TM 208/20	50	1806400000
TM 209/20	50	1806410000
TM 201/30	500	1874850000
TM 202/30	500	1874760000
TM 203/30	200	1874770000
TM 204/30	200	1874780000
TM 205/30	200	1874790000
TM 206/30	100	1874800000
TM 207/30	50	1874820000
TM 208/30	50	1874830000
TM 209/30	50	1874720000

TM-HF sleeve

Transparent sleeves

TM sleeves are halogen free and practically free from pollutants. The sleeves can be fitted with insert tags TM-I 12 or TM-I 18. They offer a wide range of applications for cables and wires. This system has proven particularly successful in traffic engineering. The slim design guarantees a secure attachment to the wire.

- Halogen-free
- Slim design guarantees secure attachment to the wire.

Technical data

Material	Polyethylene PE-LD
Flammability class to UL 94	HB
Temperature range	–20 ... + 80 °C
Dimensions	Length: 12 mm and 18 mm
Colour	Transparent
Possible marking systems	Insert tag TM-I 12 and 18
Minimum order quantity	1 Qty.

Ordering data — TM-HF

Type	Qty.	Order No.
TM 0/12 HF	1000	1719760000
TM 1/12 HF	1000	1719780000
TM 2/12 HF	1000	1719800000
TM 3/12 HF	500	1719820000
TM 4/12 HF	500	1719840000
TM 5/12 HF	200	1719860000
TM 6/12 HF	200	1719880000
TM 0/18 HF	1000	1719770000
TM 1/18 HF	1000	1719790000
TM 2/18 HF	1000	1719810000
TM 3/18 HF	500	1719830000
TM 4/18 HF	500	1719850000
TM 5/18 HF	200	1719870000
TM 6/18 HF	200	1719890000

TMX-HF sleeve

Transparent sleeves

TMX rounds Weidmüller's extensive assortment of sleeves. By utilising cable ties, the transparent, halogen-free TMX sleeves can be fitted to any size of wire. The TMX sleeve is fitted with the insert tag TM-I 18. It is designed for a wide range of applications. The TMX sleeves are suitable for cables and wires with an external diameters from 15 mm and upwards. Cable ties guarantee secure attachment.

- Halogen-free
- Secure attachment with cable ties

Technical data

Material	Polyethylene PE-LD
Flammability class to UL 94	HB
Temperature range	–20 ... + 80 ° C
Dimensions	Length: 18 mm
Colour	Transparent
Possible marking systems	Insert tag TM-I 18
Please refer to page 46 for CB cable ties	
Max. width of cable tie	4.8 mm
Minimum order quantity	1 Qty.

Ordering information — TM-HF

Type	Insulation, ext. Ø	Cond. cross-sec.
TM-HF 0	1.3 – 2.0 mm	0.22 – 0.5 mm²
TM-HF 1	1.8 – 2.5 mm	0.5 – 1.5 mm²
TM-HF 2	2.5 – 4.0 mm	0.75 – 2.5 mm²
TM-HF 3	4.0 – 6.5 mm	2.5 – 6.0 mm²
TM-HF 4	6.0 – 10.0 mm	10.0 – 35 mm²
TM-HF 5	9.0 – 15.0 mm	25.0 – 70 mm²
TM-HF 6	15.0 – 24.0 mm	35.0 – 150 mm²

Ordering information — TMX-HF

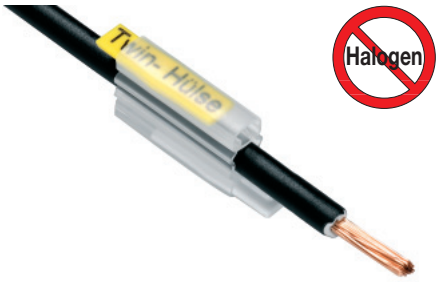
Type	Insulation, ext. Ø	Cond. cross-sec.
TMX	15,0 mm	25 mm²

Ordering data — TMX-HF

Type	Qty.	Order No.
TMX	500	1748820000

Twin sleeve

Transparent sleeves



Twin sleeves provide a two-side marking option of wires. They can be fitted with two TM-I 18 tags, so that input and output designations of a wire can be viewed from a single vantage point. The transparent, halogen-free sleeves can be used for external wire-insulation diameters from 1.3 to 4.0 mm.

Technical data

Material	Polyethylene PE-LD
Flammability class to UL 94	HB
Temperature range	–20 ... + 80 ° C
Dimensions	Length: 18 mm
Colour	Transparent
Possible marking systems	Insert tag TM-I 18
Minimum order quantity	1 Qty.

Ordering information — Twin sleeve

Type	Insulation, ext. Ø	Cond. cross-sec.
TM 0/18 Twin HF/HB	1.3 – 2.6 mm	0.22 – 1.5 mm²
TM 1/18 Twin HF/HB	2.4 – 4.0 mm	1.0 – 2.5 mm²

Ordering data — Twin sleeve

Type	Qty.	Order No.
TM 0/18 Twin HF/HB	500	1891810000
TM 1/18 Twin HF/HB	500	1891780000

WPT sleeve

Transparent sleeves

WPT wire and cable markers are high-quality, transparent markers available in various lengths for marking cables with cross-sections from 0.22 mm² to maximum 75 mm².

- Wider cross-section range per sleeve
- Wider application range thanks to special resilient bellow profile
- Marker tag inserts easily into marker pocket before and after wire is connected
- Available in five lengths and four sizes

Technical data

Material	Soft PVC, cadmium- and silicone-free
Temperature range	-30 °C to +80 °C
Flammability class.	Flame resistant and self-extinguishing, V0 to UL94
Resistance	Highly resistant to oils and petrol as well as gamma and UV radiation
Print	Insert tag TM-I for WPT and WPM 10-33

Ordering information

Type	Insulation, ext. Ø	Cond. cross-sec.
WPT 02	1.3 – 3.0 mm	0.22 – 1.5 mm²
WPT 1	2.5 – 5.0 mm	0.75 – 6.0 mm²
WPT 2	4.0 – 10.0 mm	4.0 – 35.0 mm²
WPT 3	8.0 – 16.0 mm	6.0 – 75.0 mm²

Ordering data WPT

Type	Length / Width [mm]	Qty.	Order No.
WPT 02-12		200	1764060000
WPT 02-15		200	1764070000
WPT 02-18		200	1764140000
WPT 02-20		200	1764150000
WPT 02-30		200	1889580000
WPT 1-12		200	1764190000
WPT 1-15		200	1764200000
WPT 1-18		200	1764210000
WPT 1-20		200	1764220000
WPT 1-30		200	1889560000
WPT 2-12		100	1764230000
WPT 2-15		100	1764240000
WPT 2-18		100	1764250000
WPT 2-20		100	1764260000
WPT 2-30		100	1889570000
WPT 3-12		100	1764270000
WPT 3-15		100	1764280000
WPT 3-18		100	1764290000
WPT 3-20		100	1764300000
WPT 3-30		100	1889550000

WPM sleeve

Transparent sleeves

WPM is the right sleeve for larger wire cross-sections. The transparent sleeve pocket protects the insert tags against environmental conditions. The transparent WPM sleeves are securely attached using cable ties. TM-I 18 for WPM 10/33 or ESG 9/17 for WPM 20/33 provide the markings. Both insert tags have been designed in the proven MulitCard format for convenient printing with SMark-Laser, PrintJet, Plotter or MC-Mobilo. The tag PF 2/17.5 is suitable for the WPM 20/66.

- Secure attachment with cable ties
- Professional printing assured thanks to Weidmüller's printing system for MultiCards

Technical data

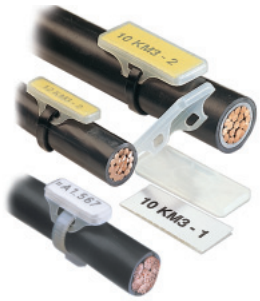
Material	PVC
Flammability class to UL 94	V0
Temperature range	–30 ... +60 °C
WPM 20 dimensions	Length: 33 mm and 66 mm Width: 11.3 mm
WPM 10 dimensions	Length: 33 mm Width: 6 mm
Colour	transparent
Possible marking systems	Insert tags TM-I 18 ESG 9/17 or PF2/17,5

Ordering data WPM

Type	Qty.	Order No.
WPM 10/33	100	1763270000
WPM 20/33	100	1763280000
WPM 20/66	50	1763390000
Accessories		
ESG 9/17 neutral	200	1724760000
ESG 9/17 printed	200	1770480000
WPF 2/17.5	DIN A 4 sheets = 352 Labels	1764050000

WKM sleeve

Transparent sleeves



Providing secure attachment to the wire or cable, WKM is the right marker for tough conditions. The transparent sleeve pocket guarantees reliable protection of the marking in tough environmental conditions. Cable tie attachment facilitates their use with practically all wire cross-sections. WKM provides numerous markings options, for example, laser print, matrix print or STI marking pen on paper or polyester labels.

Technical data

Tag carriers	
Material	Polypropylene
Flammability class to UL94	IP40
Temperature range °C	-40…80
Colour	transparent

Ordering data WKM

Type	Length / Width [mm]	Qty.	Order No.
WKM 18/43	43/18	50	1610700000
WKM 8/20	20/8	50	1753490000
WKM 8/30	30/8	50	1631910000

Accessories

Type	Length / Width [mm]	Qty.	Order No.
ESG 7/20 white	7/20	200	1736181044
ESO 5 white	40/16.5	1	1607710000
ESO 5 yellow	40/16.5	1	1631350000
ESO 5P white	40/16.5	10	1670370000
ESO 5P yellow	40/16.5	10	1670380000
ESO 7 white	27/6.3	1	1607720000
ESO 7 yellow	27/6.3	1	1634780000
ESO 7P white	27/6.3	10	1670390000
ESO 7P yellow	27/6.3	10	1670400000

ESO 5/5P: 16.5 x 40 mm, 60 tags per sheet
ESO 7/7P: 6.3 x 27 mm, 240 tags per sheet

WPF sleeve

Insert tags

WPF insert tags are made from a halogen-free polyester material. The perforated edges ensure the tags can easily be separated from the A4 sheets in which they are supplied. The pre-print treated material guarantees rapid and permanent marking by means of laser, matrix or plotter print.

Technical data

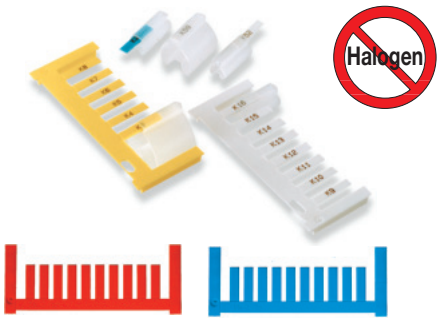
Material	polyester foil, halogen-free
Temperature range	–30 to + 120 °C
Dimensions	
WPF 1/21	21 mm
WPF 2/17,5	17.5 mm
Colour	white, yellow
Possible printing systems	Laser printer, Matrix printer
	Plotter
Verwendbare Hülsen	WPT, WPM

Ordering data — WPF

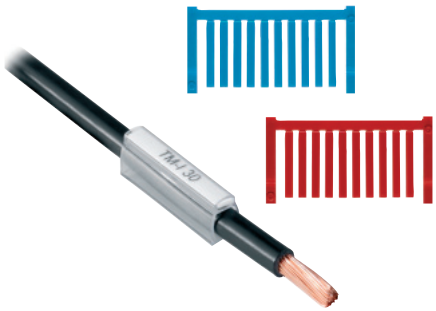
Type		Order No.
WPF 1/21 white		**1600741044**
WPF 1/21 yellow		**1600741687**
WPF 2/17,5 white	sheets	**1764050000**

TM-I

Insert tags



Easy to fit and secure attachment thanks to the special contour of the TM-I. They are compatible with numerous commercially available sleeves. The MultiCard format means that the tags can be rapidly and easily printed with the printing systems SMark-Laser, PrintJet, Plotter, MC-Mobilo or the STI pen. Thanks to the project marker surface of the MultiCard, they can easily be separated and then attached.



There are five marker lengths available for custom prints with long sequences of characters.

- Project marker surface for easy separation and attachment
- Approved and listed markers for traffic engineering
- Top flexibility through advanced attachment of sleeve and retrospective fitting of tags

Technical data

Material	Polyamide, halogen-free
Flammability class to UL 94	V2
Temperature range	–40°C to + 100°C
Dimensions	12 x 4, 15 x 4, 18 x 4, 20 x 4, 30 x 4 mm
Colour	white, yellow, red, blue, green
Possible printing systems	Plotter, SMark-Laser, PrintJet, MC-Mobilo
Wipe resistance	In accordance with IEC 50
Order software	**M-Comm2**
For custom print	(Order No. **1753350000**)

Ordering data — TM-I

Type (length)	Colour	Qty.	Order No.
TM-I 12 MC NEUTRAL WS	white	320	**1718411044**
TM-I 12 MC NEUTRAL RT	red	320	**1718411686**
TM-I 12 MC NEUTRAL GE	yellow	320	**1718411687**
TM-I 12 MC NEUTRAL GN	green	320	**1718411688**
TM-I 12 MC NEUTRAL BL	blue	320	**1718411693**
TM-I 15 MC NEUTRAL WS	white	400	**1609981044**
TM-I 15 MC NEUTRAL RT	red	400	**1609981686**
TM-I 15 MC NEUTRAL GE	yellow	400	**1609981687**
TM-I 15 MC NEUTRAL GN	green	400	**1609981688**
TM-I 15 MC NEUTRAL BL	blue	400	**1609981693**
TM-I 18 MC NEUTRAL WS	white	320	**1718431044**
TM-I 18 MC NEUTRAL RT	red	320	**1718431686**
TM-I 18 MC NEUTRAL GE	yellow	320	**1718431687**
TM-I 18 MC NEUTRAL GN	green	320	**1718431688**
TM-I 18 MC NEUTRAL BL	blue	320	**1718431693**

Ordering data — TM-I

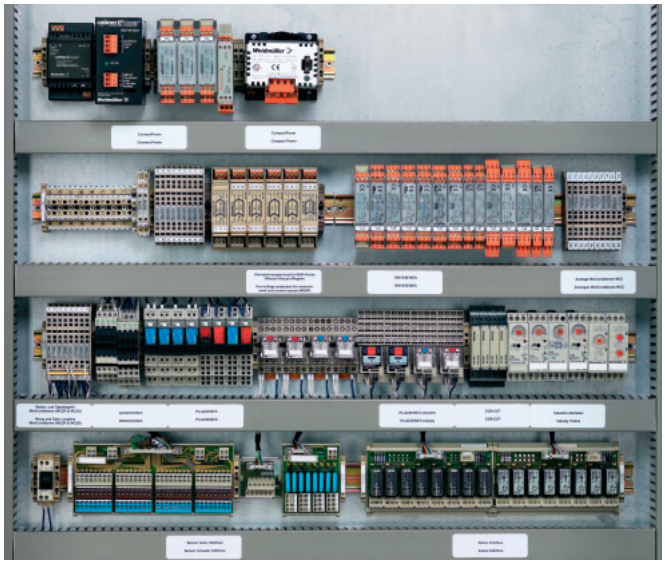
Type (length)	Colour	Qty.	Order No.
TM-I 20 MC NEUTRAL WS	white	400	**1680411044**
TM-I 20 MC NEUTRAL RT	red	400	**1680411686**
TM-I 20 MC NEUTRAL GE	yellow	400	**1680411687**
TM-I 20 MC NEUTRAL GN	green	400	**1680411688**
TM-I 20 MC NEUTRAL BL	blue	400	**1680411693**
TM-I 30 MC NEUTRAL WS	white	300	**1876390000**
TM-I 30 MC NEUTRAL RT	red	300	**1876380000**
TM-I 30 MC NEUTRAL GE	yellow	300	**1876370000**
TM-I 30 MC NEUTRAL BL	blue	300	**1876400000**
Custom print			
TM-I 12 MC CUSTOM PRINT		64	**1718420000**
TM-I 15 MC CUSTOM PRINT		80	**1609990000**
TM-I 18 MC CUSTOM PRINT		64	**1718440000**
TM-I 20 MC CUSTOM PRINT		80	**1680420000**
TM-I 30 MC CUSTOM PRINT		60	**1876320000**

Markers for devices and installations

Device and installation markers round off the range of switchgear markers. By utilising Weidmüller's device markers, users comply with official regulations requiring marking of electrical equipment. Weidmüller offers corresponding markers for devices made by well-known manufactures. Mirroring their original counterparts, these tags are available with the classic adhesive or rapid clip-on attaching techniques. By utilising the corresponding software and system-compatible printer or plotter system, users can print their own markings on the device markers.

Weidmüller also offers ready-to-use printed labels in the form of a Symbol Packs or Service Packs.

A samples bag containing a selection of device and installation markers is available under the order no. **1646370000**.



	SwitchMark	ESG	ClipCard
	SwitchMark	ESG	ClipCard
Cable ducts			●
Automatic switchgear	●	●	●
Contactors	●	●	
Electrical connections			●
Electrical devices			●
Machines			
LED displays	●		
Keyboards	●		●
Lamps			
Murr valve plug		●	
Tubes			●
Circuit-breakers		●	
Relays		●	
Maintenance			
Shelves			
Switches	●	●	●
Control desk	●	●	●
Transformers		●	
Valves			●

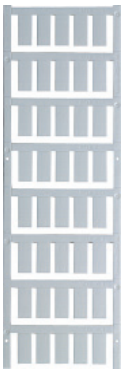
ESG tag

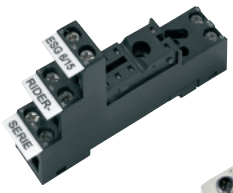
ESG is the proven marker in MultiCard format for many well-known electrical devices. The result is high-quality device markings with a contrast-rich appearance.

We offer versions for the devices produced by the following manufacturers:

- ABB
- Siemens
- Moeller
- Télémécanique
- For universal use, self-adhesive or clip-on tags are available (depending on the type)

ESG for clipping onto tag rails; suitable for devices mounted in rows, such as miniature circuit-breakers.





Technical data

Colour	White, yellow (turquoise, ESG 7/20 only)
Wipe resistant	In accordance with DIN IEC 50
Adhesive force on stainless steel	K = normal adhesive 22 N/m
Material	Polyamide, halogen-free
Flammability class to UL 94	V2
Temperature range	–40 °C … +100 °C
Possible printing systems	PrintJet, Plotter, SMark-Laser, MC-Mobilo

Ordering data

Type neutral	Application	W / L	Qty.	Order No.
ESG 6/15 K MC NEUTR. GE	Self-adhesive	6 x 15	200	**1880130000**
ESG 6/15 K MC NEUTR. WS	Self-adhesive	6 x 15	200	**1880100000**
ESG 6/15 MC RIDERSERIES	Riderserie SCM/SRC	6 x 15	200	**1881280000**
ESG 6/17 K MC NEUTR. GE	Self-adhesive	6 x 17	200	**1880110000**
ESG 6/17 K MC NEUTR. WS	Self-adhesive	6 x 17	200	**1880120000**
ESG 7/20 SIRIUS GE	Siemens Sirus 3R / tag rail 3 u. 4	7 x 20	200	**1736181687**
ESG 7/20 SIRIUS TURQUOISE	Siemens Sirus 3R	7 x 20	200	**1736181696**
ESG 7/20 SIRIUS WS	Siemens Sirus 3R	7 x 20	200	**1736181044**
ESG 8/10 ASI	Siemens AS-interface	8 x 10	200	**1736190000**
ESG 8/17 MC NEUTRAL	Télémécanique	8 x 17	200	**1674740000**
ESG 8/17 SYS PRO M	GE power Controlls (AEG); ABB-Stotz	8 x 17	200	**1755340000**
ESG 8/17 SCHS MC NEUTR.	Tag rail SchS2	8 x 17	200	**1720610000**
ESG 8/17 L MC NEUTRAL	Lumberg distributor	8 x 17	200	**1890470000**
ESG 8/19 MC NEUTRAL	AEG	8 x 19	200	**1652220000**
ESG 9/10 MC neutral WS		9 x 10	200	**1775910000**
ESG 9/11K MC Neutral	Self-adhesive	9 x 11	200	**1857440000**
ESG 9/17 MC NEUTRAL	Insert tag	9 x 17	200	**1724760000**
ESG 9/17 K NEUTRAL/GE	Self-adhesive	9 x 17	200	**1753500000**
ESG 9/17 K NEUTRAL/WS	Self-adhesive	9 x 17	200	**1674760000**
ESG 10/17 MC Neutral	Allen Bradley / Festo MT	10 x 17	200	**1856700000**
ESG 9/20 L MC NEUTRAL	Lumberg distributor	9 x 20	200	**1890460000**
ESG 9/20 MC neutral, without foot	Insert tag for TMC sleeve	9 x 20	200	**1770500000**
ESG 9/20 MC NEUTRAL GE	Siemens + Moeller+WI SAI distributor	9 x 20	200	**1766160000**
ESG 9/20 MC NEUTRAL WS	Siemens + Moeller+WI SAI distributor	9 x 20	200	**1609940000**
ESG 9/20 MC Universal	Siemens + Moeller+WI and Murr SAI distributor + Festo CPV/CPI	9 x 20	200	**1856720000**

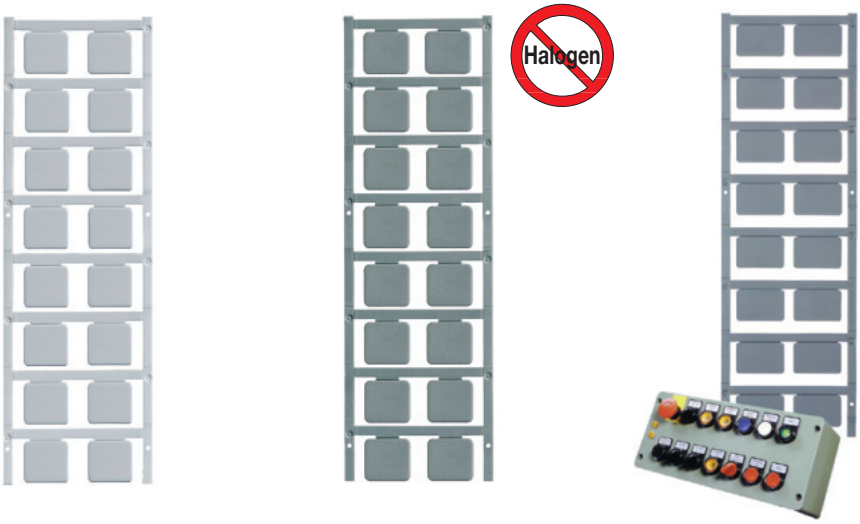
Tag rail			Order No.
Tag rail SchS1	for ESO with protective strip	Length 1 m	**0138900000**
Tag rail SchS2	for ESG 18/17 S ; DEK ; WS	Length 1 m	**0337400000**
Tag rail SchS2, self-adhesive	for ESG 18/17 S ; DEK ; WS	Length 1 m	**1720600000**
Tag rail SchS3 white, self-adhesive	for ESG 7/20	Length 1 m	**1753480000**
Tag rail SchS4 grey, self-adhesive	for ESG 7/20	Length 1 m	**1753460000**
ESO/SCHS1 500X12,5X0,3	Insert strips for SCHS1	Length 0.5 m	**0139000000**
STR SCHS1	Protective strip for SCHS1	Length 0.5 m	**0139200000**

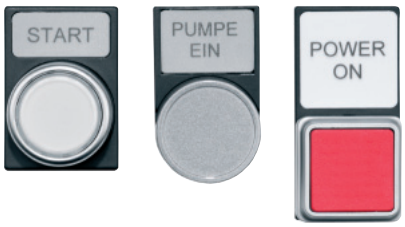
Type custom print	Colour and print details		Qty.	Order No.
ESG 6/15 K		6 x 15	40	**1880090000**
ESG 6/15 RIDERSERIE		6 x 15	40	**1881290000**
ESG 6/17 K		6 x 17	40	**1880080000**
ESG 7/20 SIRIUS		7 x 20	40	**1766650000**
ESG 8/10 ASI		8 x 10	40	**1770470000**
ESG 8/17		8 x 17	40	**1674750000**
ESG 8/17 SYS PRO M		8 x 17	40	**1755350000**
ESG 8/17 SCHS		8 x 17	40	**1766640000**
ESG 8/19 MC		8 x 19	40	**1652230000**
ESG 9/11 K		9 x 11	40	**1857450000**
ESG 9/17		9 x 17	40	**1770480000**
ESG 9/17 K		9 x 17	40	**1674770000**
ESG 10/17		10 x 17	40	**1856710000**
ESG 9/20, without foot		9 x 20	40	**1770510000**
ESG 9/20		9 x 20	40	**1609950000**
ESG 9/20 MC Universal		9 x 20	40	**1856730000**

SwitchMark SM

SwitchMark (SM) markers are used to identify command and signalling devices. The tags are either snapped into the holder or secured by means of the self-adhesive foil on their rear. Individual custom prints can be created using the printing system SMark-Laser, PrintJet, Plotter or MC-Mobilo.

- Create individual custom prints utilising Weidmüller's marking system for MultiCards.
- Fast production of custom prints to in-house specifications.
- No need to store expensive standard tags.
- Extremely resistant print quality with PrintJet instead of engraving.
- We recommend the protective foil ETO SM for extreme conditions.





Technical data

Material	Polyamide 66, halogen-free
Flammability class to UL94	V2
Temperature range °C	-40…100

SwitchMark Neutral

Type	Length (mm)	Width (mm)	Qty.	Order No.			
				white			silver
SM 27/8	8	27	80	**1699820000**			**1713680000**
SM 27/12,5	12.5	27	80	**1699840000**			**1713700000**
SM 27/18	18	27	80	**1699860000**			**1713740000**
SM 27/27	27	27	60	**1773220000**			**1773230000**

SwitchMark neutral, self-adhesive

Type	Length (mm)	Width (mm)	Qty.	Order No.			
				white			silver
SM 27/8 K	8	27	80	**1812630000**			**1771930000**
SM 27/12,5 K	12.5	27	80	**1699880000**			**1713720000**
SM 27/18 K	18	27	80	**1707270000**			**1713760000**
SM 22/22 K	22	27	80	**1877570000**			**1877590000**
SM 27/27 K	27	27	60	**1783000000**			**1782990000**

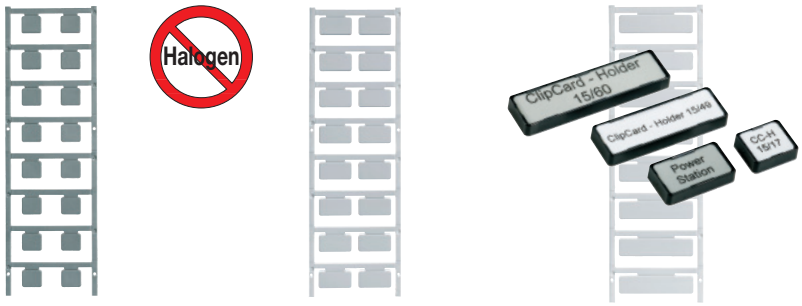
SwitchMark custom print

Type	Length (mm)	Width (mm)	Qty.	Order No.
				Colour and print details
SM 27/8	8	27	80	**1699830000**
SM 27/8 K	8	27	80	**1713690000**
SM 27/12,5	12.5	27	80	**1699850000**
SM 27/12,5 K	12.5	27	80	**1699890000**
SM 27/18	18	27	80	**1699870000**
SM 27/18 K	18	27	80	**1707280000**
SM 22/22 K	22	27	80	**1877580000**
SM 27/27	27	27	60	**1773240000**
SM 27/27 K	27	27	60	**1783010000**

ClipCard

ClipCard device markers in MultiCard format offer an interesting alternative to **engraving**. This assortment is used to mark electrical installations and switchgear. The proven MultiCard format means it is possible to print with any of the SMark-Laser, PrintJet, Plotter and MC-Mobilo printers.

- Extremely resilient print quality with PrintJet instead of engraving
- Universal attachment
  - Holder (screw attachment or with cable tie)
  - Tag rail (self-adhesive and screw attachment)
  - or self-adhesive markers
- For extreme conditions, we recommend:
  - Protective strips (holder)
  - Protective rail (CC-Rail)
  - Protective foil for markers (see page 38)

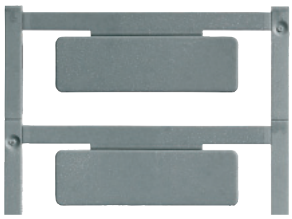


Technical data

Material	Polyamide 66, halogen-free
Flammability class to UL94	V2
Temperature range °C	-40…100

ClipCard neutral

Type	Length (mm)	Width (mm)	Qty.	Order No.			
				white			silver
CC 15/17 MC	17	15	80	**1876570000**			**1876610000**
CC 15/27 MC	27	15	80	**1876770000**			**1876760000**
CC 15/49 MC	49	15	40	**1877260000**			**1877240000**
CC 15/60 MC	60	15	40	**1877350000**			**1877340000**



ClipCard neutral, self-adhesive

Type	Length (mm)	Width (mm)	Qty.	Order No.			
				white			silver
CC 15/17 K MC	17	15	80	**1876590000**			**1876580000**
CC 15/27 K MC	27	15	80	**1876640000**			**1876780000**
CC 15/49 K MC	49	15	40	**1877220000**			**1877270000**
CC 15/60 K MC	60	15	40	**1877310000**			**1877360000**

Custom print

Type	Length (mm)	Width (mm)	Qty.	Order No.			
				Colour and print details			
CC 15/17 MC	17	15	16	**1876620000**			
CC 15/17 K MC	17	15	16	**1876600000**			
CC 15/27 MC	27	15	16	**1876630000**			
CC 15/27 K MC	27	15	16	**1876750000**			
CC 15/49 MC	49	15	8	**1877200000**			
CC 15/49 K MC	49	15	8	**1877230000**			
CC 15/60 MC	60	15	8	**1877300000**			
CC 15/60 K MC	60	15	8	**1877320000**			

SwitchMark SM

Accessories

The device and installation markers are either snapped into the holder or secured by means of the self-adhesive foil on their rear.

- For example:
  insert the SM 27/18 into the holder that we offer as well as the markers
- We recommend that the transparent protective foil ETO SM be used if the print is subjected to extreme demands with respect to their wipe and scratch resistance in the presence of chemicals

Ordering data SwitchMark SM

Type	Qty.*	Order No.
Holder, black		
SM-H 27/12,5	**25**	**1716640000**
SM-H 27/18	**25**	**1716630000**
SM-H 27/27	**20**	**1782710000**
Protective foil		
ETO SM 27/8	**1 (165)**	**1720570000**
ETO SM 27/12,5	**1 (100)**	**1720580000**
ETO SM 27/18	**1 (112)**	**1720590002**
ETO SM 22/22	**1 (112)**	**1880720000**
ETO SM 27/27	**1 (70)**	**1805840000**

* Details in round brackets indicate the number of markers per sheet

ClipCard CC

Accessories

Universal attachment options with the possibility of being mounted either in a holder, per cable tie or screw as well as by utilising CC-Rail tag rails.

- Universal attachment options: per holder, cable tie or screw as well as by means of a tag rail
- For extreme conditions, we recommend:
  – Protective strips (holder)
  – Protective rail (CC-Rail)
  – Protective foil for markers
  (see page 38)

Ordering data ClipCard CC

Type	Qty.*	Order No.
Holder		
CC-H 15/17	**75**	**1790430000**
CC-H 15/27	**45**	**1790410000**
CC-H 15/49	**25**	**1790420000**
CC-H 15/60	**25**	**1878910000**
Protective strips		
STR CC 15/17	**80**	**1888310000**
STR CC 15/27	**80**	**1888290000**
STR CC 15/49	**40**	**1888300000**
STR CC 15/60	**40**	**1888280000**
Protective foil		
ETO CC 15/17	**1 (228)**	**1880850000**
ETO CC 15/27	**1 (133)**	**1880810000**
ETO CC 15/49	**1 (76)**	**1880830000**
ETO CC 15/60	**1 (57)**	**1880840000**
Tag rails		
CC-Rail 1000	**1**	**1790150000**
CC-Rail 1000 transparent	**1**	**1790160000**

* Details in round brackets indicate the number of markers per sheet

Overview of printers and software

Weidmüller's printing systems allow you to print your terminal markers, wire and cable markers as well as your device markers – fast and reliably. The **M-Print PRO** software offers top of the range data conversion routines. Data integration progresses to being a means for work organisation when additional contract data is also added to the pure data for markings – meaning the project, customer or the arrangement.
M-Print PRO offers true user-friendly operation under Windows.

Weidmüller's printers **PrintJet**, **SMark-Laser printer** or **MC-Mobilo** are available for printing out jobs. PrintJet is the best example of clear-cut printing quality. SMark-Laser printers are distinguished by their speed and the resilience of their prints. As well as the ease with which they can be installed, project assignment details on project marker surfaces are a further highlight of printed MultiCards.

SMark-Laser

PrintJet

MC-Mobilo

	Software[3]	Printers		
Markers	**M-Print PRO**	**SMark-Laser**	**PrintJet**	**MC-Mobilo**
Terminal markers				
DEK	●	●	●	●
WS	●	●	●	●[1]
ZS	●	●	●	●
MF	●	●	●	●
GWS	●	●	●	●
Wire markers				
SF	●	●	●	●[2]
SFX	●	●	●	●
SFC	●	●	●	●
TM-I	●	●	●	●
WKS	●			
Device markers				
ESG	●	●	●	●
SM	●	●	●	●
ClipCard	●			

[1] Sußer WS 15/5.

[2] SF 4, 5 and 6 with corresponding support frame only

[3] Three demonstration versions of our software are available from our homepage www.weidmueller.de

PrintJet II

The **PrintJet printer** allows you to print customised marker prints for terminal blocks, switchgear, cables, wires and circuit-breakers at your convenience.

- Sharp print contours
- High-contrast typeface
- Extremely resilient lettering
- Permanently readable identification
- Fast and user friendly
- Compatible with all MultiCards
- The PrintJet-Loader holds up to 20 MultiCards

Technical data

Type	PrintJet II
Application	Prints MultiCard markers
Technology	Ink-jet process
Print quality	2880 dpi
Printer drivers	Win 9X, Win NT, Windows 2000
Print software	Recommended: M-Print 1.60
System requirements	Windows 95/98/NT/2000/XP
Feed	Manual or with optional loader
Fusing	Thermal fusing
Interface	Centronics and USB
Connection	AC 230 V/AC 115 V
Location	Office conditions
Ambient temperature	20 °C – 35 °C
Dimensions (L x W x H)	800 x 450 x 200 mm
Cartridge system	Ink cartridge, black (210 000 characters, Arial font size 6); average print performance per day: 20 MultiCards; max. print performance per day: 100 MultiCards
Range of supply	PrintJet printer, power cable, printer drivers, manuals (CD), cleaning unit, Centronics cable, software M-Print

PrintJet-Loader	
System requirements	PrintJet printer
Marker types	MultiCard format
Operating voltage	12 V/DC
Current input	approx. 1 A
Interface	Connection via plug-in connector
Location	Office conditions
Ambient temperature	20 °C – 35 °C
Dimensions (L x W x H)	345 x 305 x 155 mm
Weight	4 kg

Ordering data

PrintJet II

Type	Order No.
PrintJet II 115 V	**1858980000**
PrintJet II 230 V	**1858990000**
PrintJet-Loader	**1813090000**
Accessories	
Ink cartridge PrintJet II	**1858920000**
Clean Unit PrintJet II	**1858950000**
Ink cartridge PrintJet	**1797460000**
Clean Unit PrintJet	**4062150000**

SMark-Laser

The SMark-Laser has brought speed to the world of markings.

- Fast printing speed
- 4 MultiCards per minute
- Top print quality
- Markers immediately ready for use
- Works fast, independent of the amount of data
- Extreme flexibility through production of markers in MultiCard format to suit your needs
- Reduced storage, because only neutral markers are required
- Suitable for graphics
- Compatible with all standard operating systems (for example, WIN 3x, WIN 9x, OS/2, NT, WIN 2000, XP)
- Standard software compatible
- Optional automatic feed for larger jobs
- Replaceable toner cartridge with handle
- Compatible with Weidmüller software 'M-Print', order no.: **1784560000**.

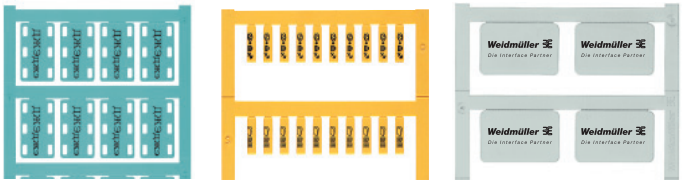
Technical data

Type	SMark-Laser
Application	Prints all MultiCards
Technology	Laser printer
Printing speed	4 MultiCards per minute
Print quality	600 dpi
Printer drivers	WIN3.x, 9x, NT, HP III compatible
Software	M-Print settings, commercially-available standard software
System requirements	Windows 95/98/NT/2000/XP
Feed	Manual or with optional loader
Interfaces	Centronics optional, Apple Talk
Supply voltage	AC 230 V / 50 Hz / 16 A
Ambient conditions	20 °C – 35 °C
Dimensions: (L x W x H)	1000 x 430 x 380 mm
Range of supply	Laser printer, power cable, printer drivers, manual, interface cable, M-Print software

Ordering data

SMark-Laser

Type	Order No.
SMark-Laser	1767090000
Rack	1782880000
Special toner cartridge	1770070000



Print options

Accessories for Plotter IP-220 Standard

STI-S pen with adapter

Adapter for STI-S

for marking:

- MultiCards
- WS strips, Dekafix cards (inlay required)
- PA 02, PA1, PK 2/25, PK 2/40 (inlay required)
- LogiMark, WKS, E-Fix, VarioCut (cutting option required)
- SlimFix 1, 2, 3 and SFX (not SlimFix 4 and 5)

Ordering data — Plotter IP-220

Type	Order No.
MC Wago/Phoenix adapter plates	**1754980000**
Murr/Wago adapter plates (Roland 5 MC'S1150 A)	**1754990000**
Murr plastic adapter plates (Roland 4 MC'S 1150)	**1755030000**

STI-S

Plotter pen

INK 2000 drawing ink and CLEAN 2000 cleaner

The STI-S fibre pen is ideal for marking neutral Weidmüller marker products. It is suitable for marking manually or in conjunction with the STI-S adapter for plotter printing. Black, water-resistant ink is used.

Ordering data — Pen/adapter

Type	Order No.
Plotter pen 0.18	**1768570000**
Plotter pen 0.25	**1768540000**
Plotter pen 0.35	**1768550000**
Plotter pen 0.5	**1768560000**
Plotter adapter (without nib)	**1684480000**
Plotter nib BTS 0.25 mm	**1603360000**
Plotter nib BTS 0.35 mm	**1603370000**
Plotter nib BTS 0.50 mm	**1603380000**
Trial installation/instruction IP 220 (within Germany only)	**1546800000**
Adapter for STI-S	**1762440000**
STI-S pen	**0508401694**
Ink and cleaner	
Ink 2000 drawing ink	**1772120000**
Clean 2000 cleaner	**1772130000**
Permanent fibre pen set (5 items, partially non-fading, **for labels only**)	**1730470000**
Print kit consisting of Ink 2000, Clean 2000 cleaner and BTS 0.25 + adapter	**1686920000**

MC-Mobilo

MC-Mobilo is the key to printing without a computer or mains supply. Users are able to work in the field with the MC-Mobilo, without the need for an established workstation. Once charged, the battery will last for approx. 3 hours. Utilising the universal inlay allows practically all MC MultiCards to be processed.

Ordering data — MC-Mobilo

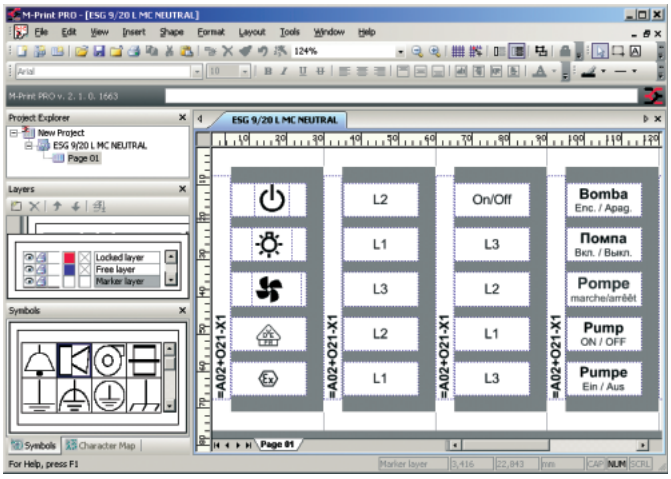
Type	Order No.
MC-Mobilo basic device* 230 V Includes MC configuration, battery pack and charger in a portable case (German, English, French)	**1741260001**
MC-Mobilo basic device* 110 V Includes MC configuration, battery pack and charger in a portable case (German, English, French)	**1741260002**
Including universal inlay for all MC and SF cards up to size 3 with interfaces (9-pole) + software	

* Please indicate required model (USA, GB, Europe)

M-Print® PRO Label Designer

Print and **ordering software** for markers and labels

M-Print® PRO is a professional software for printing and ordering Weidmüller markers and labels under Windows®. This software helps you to optimise your processes for marking electrical equipment. You can design, print and order your marking material effortlessly, professionally and quickly: texts, frames, lines, graphics, barcodes, serial numbers and photos.



Here is an overview of the main functions:

- Integrated product catalogue for all labels and markers, including images and links to the relevant web pages and product data sheets
- Markers and labels can be designed in as many levels as required
- Custom formatting of individual text characters (RTF)
- Perform copy-and-paste functions with texts and their formats
- Supports UNICODE for foreign-language texts, such as Russian, Chinese, Polish, ect.
- Enter data in labels and table sheet
- Permanent print preview: see how the printout will look during design phase
- Alphanumeric counts and sequences
- Extensive range of image formats (*.bmp, *.wmf, *.png, *.ico, *.jpeg, *.tif, *.gif)
- Image library including all of the important symbols used in electrical engineering
- Assign product to specific printer; for example, ESG 9/20 to PrintJet, LaserMark to laser printer, ect.
- Supported output devices: PrintJet I+II, SMark-Laser, ThermoCard, THM as well as standard printers with Windows drivers
- Optimum and rapid adjustment of the output devices
- Online update service via Internet
- Interface to RailDesigner®
- Import assistant to create your own import filter for numerous file formats (*.txt, *.asc, *.mak, *.wei, *.tmf, ect.)
- Integrates data from CAE systems

Supported operating systems:

WINDOWS® 98 SE, ME, NT, 2000, XP, Server 2003

System requirements:

- RAM: > 64 MB
- Processor: > Pentium PIII or comparable model
- Graphic: > 800 x 600 pixels with 256 colours optimum: 1024 x 768 with 16-bit High Colour
- Hard disk: > 90 MB free storage
- Miscellaneous: mouse, keyboard, CD-ROM drive (to install the software)

M-Print® PRO is available in two editions:

M-Print® PRO Standard Edition for professional printing results with all of Weidmüller's marking materials

M-Print® PRO Advanced Edition for professional printing results with all of Weidmüller's marking materials and customer specific labels

Ordering data

M-Print® PRO

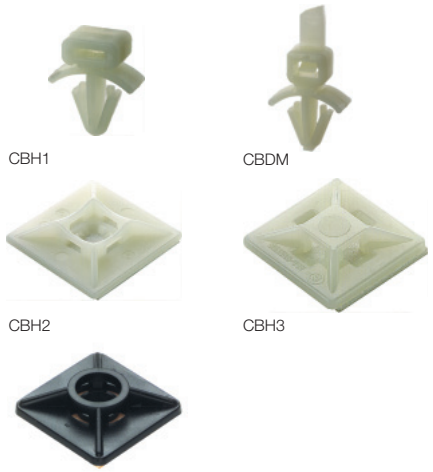
Type	Order No.
M-Print® PRO	1905490000
M-Print® PRO advanced	1905500000

Cable ties

Cable ties keep things tidy in numerous fields of installations. Distinguishing features include an immense tying force plus a long service life. In addition, steel cable ties offer extremely durable attachment options that are capable of withstanding extreme material stresses caused by high temperatures or the powerful effects of chemicals.

CB

CB cable ties provide secure attachment options for cables and markings. They are particularly suitable for attaching PK, SFX, WKM and WKS cable markers. The material is composed of unbreakable polyamide PA 6.6 with flammability class V2 to UL94.



Technical data

Material	Polyamide	
Flammability class to UL94	V2	
Dimensions	Length (mm)	Width (mm)
CB 750/7.8	750	7.8
CB 365/7.8	365	7.8
CB 360/4.8	360	4.8
CB 290/4.8	290	4.8
CB 290/3.6	290	3.6
CB 200/4.8	200	4.8
CB 200/3.6	200	3.6
CB 178/4.8	178	4.8
CB 160/4.5	160	4.5
CB 140/3.6	140	3.6
CB 98/2.5	95	2.5

Technical data

Material	Polyamide
Flammability class	V2 to UL 94
CBDM	Cable ties for direct installation of cable harness max. ø: 44.5 mm Total length: 200 mm
CBH 1	Cable tie retainer for use on mounting plate Max. plate thickness 3.2 mm Hole ø max. 6.2 mm
CBH 2	Cable tie retainer for sticking to surface: 19 x 19 mm
CBH 3	Cable tie retainer for sticking to surface: 27 x 27 mm

Ordering data CB

Type	Colour	Qty.	Order No.
CB 750/7.8	natural	100	**1720680000**
CB 750/7.8	black	100	**1720670000**
CB 365/7.8	natural	100	**1279100000**
CB 365/7.8	black	100	**1697940000**
CB 360/4.8	natural	100	**1279000000**
CB 360/4.8	black	100	**1697930000**
CB 290/4.8	natural	100	**1278900000**
CB 290/4.8	black	100	**1697920000**
CB 290/3.6	natural	100	**1720640000**
CB 290/3.6	black	100	**1720650000**
CB 200/4.8	natural	100	**1278800000**
CB 200/4.8	black	100	**1697910000**
CB 200/3.6	natural	100	**1720630000**
CB 200/3.6	black	100	**1720660000**
CB 170/4.8	natural	100	**1723550000**
CB 170/4.8	black	100	**1723570000**
CB 160/4.5	natural	100	**1723540000**
CB 160/4.5	black	100	**1723560000**
CB 140/3.6	natural	100	**1278700000**
CB 140/3.6	black	100	**1697900000**
CB 98/2.5	natural	100	**1278600000**
CB 98/2.5	black	100	**1697890000**

Ordering data CBDM/CBH

Type	Colour	Qty.	Order No.
CBDM	natural	100	**1279330000**
CBH 1	natural	100	**1279200000**
CBH 2	natural	100	**1289200000**
CBH 3	natural	100	**1289400000**
CBH 2	black	100	**1697950000**
CBH 3	black	100	**1697960000**

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