

Your marking should shine through its resistance
Systemised marking with our MetalliCard
Let's connect.

Industrial marking systems



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Aluminium and stainless steel markers

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Systemised marking for optimised processes

Our coordinated complete system



Professional, industrial marking in line with the IEC 60204-1 standard is essential for faultless operation and reliable maintenance of industrial facilities. Weidmüller calls this "systemised marking" and offers more than the norm: a perfectly coordinated product range for optimised processes.



Software: intuitive to use and tailored to your requirements. Import, edit and manage data with ease with the software M-Print® PRO.



Do you need marking systems for a whole range of different applications? Our all-in-one solutions are intelligent and display real future viability: convenient data organisation, intelligent functions and marking conforming to standards make our systems unique.



Your marking needs

One of the main requirements of a marking system is that it clearly shows how your components are configured. This includes a precise print image, convenient handling and the guarantee of usability in an industrial environment. The software should provide optimum support during data entry and management. During marker output, the speed should be adapted to your needs.



Markers: constructive solutions for all cabinet-related applications. From the shrink sleeve to the metal marker.



Printers: laser, ink or thermal transfer. Industrial printing systems for every requirement. Designed with one eye on the future to suit your requirement profile.



The marking result

You will be won over by marking systems from Weidmüller. We don't just offer you a complete, convenient process chain from data entry to ready-for-use markers for your individual cabinet configuration. We offer you marking solutions that are already geared towards the future requirements of progressive automation. This means you are one step ahead of state-of-the-art!

MetalliCard

Metal markers

A highly resistant and coordinated labelling system

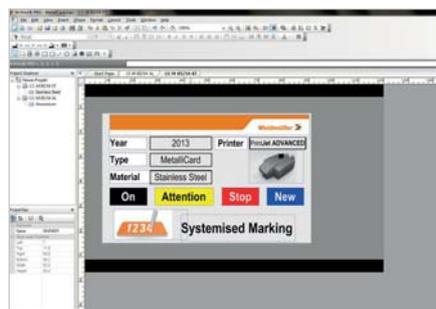
Up until recently, ovens or similar equipment were required for labelling metal markers. With our new MetalliCard, we are now able to offer an innovative customised labelling system that allows you to print on aluminium or stainless steel tags, as well as our proven MultiCard plastic markers. This is an extremely versatile solution for labelling in the electrical cabinet: with just one printer, one software program and one type of ink. You no longer need to hire an external agency for expensive and time-consuming engraving or punch-outs. This complete system is very customisable – our M-Print®-PRO-software can be used to create your custom marker layouts. You save an enormous amount of time with the smooth data transfer from your CAE system.

Our labelling system provides you with these benefits

- Wide range of applications: Print MultiCards and MetalliCards with the PrintJet ADVANCED
- All components in a single system – regardless of external providers
- Customised design: Coloured printing on metal tags
- Optimised use of resources and up-to-date: as needed with direct use



PrintJet ADVANCED enables you to print both MultiCard and MetalliCard formats as standard.



Format templates are available for our entire line of markers so you can design them rapidly in-house.



The MetalliCard tags are ready to use in just a few minutes after a brief pretreatment with primer and thermal fusing.

Weidmüller 

Printer PrintJet ADVANCED



Year

2012

Type

MetalliCard

Material

Aluminium

On

Attention

Stop

New

Systemised Marking

1234

Function and handling

Perfect colour print in just a few steps

The right system for fast results

Our perfectly matched system components enable you to act quickly and confidently. From the custom design using our software M-Print® PRO through to the finished printed product, it only takes a few steps to produce high-quality, resistant printed tags on aluminium or stainless steel. After removing the protective foil and a short surface pre-treatment, the MetalliCards are put into a special inlay and can then be printed as you wish. Within a few minutes, the printed MetalliCard is ready for use: with first-class quality and your custom design.

The advantages of our printing process

- Trouble-free printing with perfectly matched system components
- Intuitive user interface for routine operations
- High-precision colour printing in only minutes



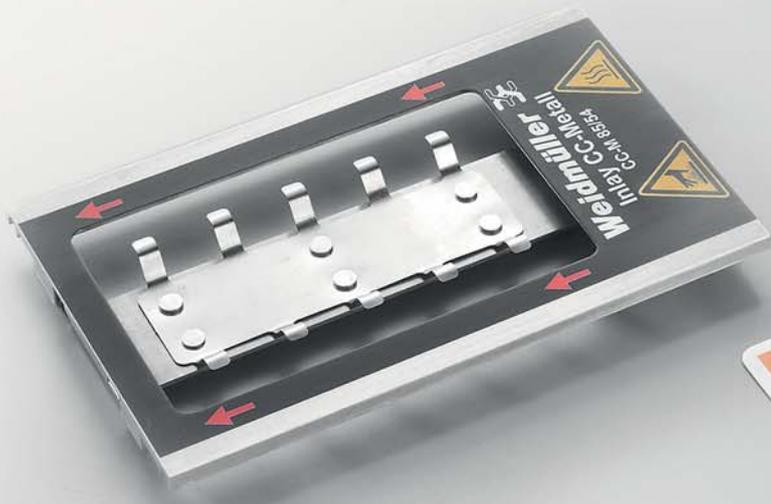
An easy-to-remove foil is used to protect the surface, which is specially designed for the resistant colour print.



Immediately prior to the printing process, a primer treatment ensures optimal colouring, intense colour saturation, and faster curing – with high resistance.



The inlay guide for one or more MetalliCards ensures precise positioning and printing.



The complete product line

Tailored to your needs

Components that combine well together – from a single source

MetalliCards are available in aluminium or stainless steel so that they can comply with a wider range of labelling requirements. The tags, made from chromal-coated aluminium, offer an affordable alternative for many applications. They really get noted for the deep contrasts of their multi-colour print.

In the technically demanding chemical and process industries, our stainless steel MetalliCard – with its outstanding resistance – is an investment in safety. Formats range in size from 27 x 18 to 85 x 54 mm: suitable for the entire spectrum of facility labelling requirements, from small equipment to larger ratings plates.

You can be assured of a high-quality marking process using these tags.

The MetalliCard line offers a range of outstanding installation features.

They can be used anywhere: whether glued, riveted, attached with plate holder or by rail, or in combination with stainless steel cable ties.

Our product line provides you with these benefits

- First-class: a sophisticated product line for all application requirements
- Resistant: durable markers for improved safety
- Versatile: excellent installation features



The MetalliCard is available optionally with either 2 or 4 holes for screws or rivets. A special punched-out hole in the SFX-M 11/60 enables use with steel cable ties, and with plastic cable ties with the SFX-M 11/60-5.



Our double-sided adhesive labels in all MetalliCard formats guarantee a secure hold on plastic, stainless steel or powder-coated sheet metal.



Plate holders and tag rails provide you with excellent versatility and ease of installation. They are available in various versions for the entire range of marking needs.

Weidmüller 



Year 2011

498

11738

3 x 380V 50HZ 100A

3 x 400V 50HZ

Type

Machine No.

Power supply

Machine supply



Weidmüller Interface GmbH & Co. KG
Klingenbergstr. 16, D-32758 Detmold



Tests and Inspections

Reliable industrial marking

Tested quality is our standard

Because of their outstanding mechanical characteristics, metal tags are perfect for labelling facilities exposed to harsh industrial conditions. Superior resistance is particularly important when dealing with higher temperatures, climatic influences, UV radiation and harsh chemical or physical influences. This is why we test our MetalliCards in various processes. We can also carry out these tests to suit your individual requirements. Take advantage of our professional expertise to improve your safety.

The benefits for you

- Durability: tested resistance for permanent durability
- Safety: tested material properties for intact labelling
- Stainless steel tested under thermal load according to IEC 60079-0-26.8
- Aluminium tested in ammonia gas atmosphere according to UL 486E



The MetalliCard's resistance was tested using various wipe tests according to DIN EN 60068-2-70 and passed the testing successfully for 48 hours using different materials (including acetone, ethyl alcohol, 34% urea and fuel).



The sun test results for Central Europe show that the MetalliCard is resistant against UV radiation for at least five years.



The MetalliCard had excellent results in temperature, air and sea tests, and showed total resistance to high-pressure cleaning: further proof of its suitability for a wide range of applications.

- IEC 61984/10.2011
- DIN 40050 part 2/05.1993
- DIN EN ISO 9227/10.2006

Weidmüller is not liable for the suitability of the products in all customer applications, due to the sheer number of possible applications and possible environmental factors (such as humidity, radiation, gases or temperature) that may influence these products. Therefore the customer is responsible for carrying out performance tests for specific applications. Weidmüller would be happy to provide support and advice to help you with these decisions.

Due to the different identification system available on the market, we wish to point out that Weidmüller does not guarantee industrial identification products if the Weidmüller components are combined with third-party products, unless Weidmüller has explicitly agreed for the purpose of an individual application.



Individual processing

The professional system for every standard

Superior components in a comprehensive product line

Our labelling system allows you to label with precision and speed – without losing track. Our completely matched line of materials, sizes and mounting options cover solutions for all of your particular operational needs.

The systematic use of PrintJet ADVANCED and the M-Print®-PRO-software enables you to custom design and process facility labelling for all of your system components. The result is a consistently outstanding marking system.

The benefits for you

- Quality: durable materials for extreme conditions
- Customised: perfectly matched system components provide the best variety
- Efficient: tailor-made solutions from a single source
- Professional: in-house control of all marking processes

Technical specifications

	Description
Tag material	Anodised aluminium (AL) or stainless steel 1.4301 (ST)
Temperature range	between -55 °C and +130 °C
Thickness	0.5 mm
Primer	100 impregnated cloths and hermetically sealed
Update kit	<p>PrintJet ADVANCED enables you to print metal markers as standard. We offer an update kit for customers who also want to print metal markers with their PrintJet PRO. The PrintJet PRO's firmware ensures that MetalliCards are processed properly.</p> <p>Available for PrintJet PROs, from delivery date July 2010, with serial number 3653 (last 4 digits) and higher.</p>
Service kit	<p>Update Kit + : requires mechanical update on the PrintJet PRO. The printer should be returned.</p> <p>PrintJet PRO's with serial number lower than 3653 (last 4 digits)</p>



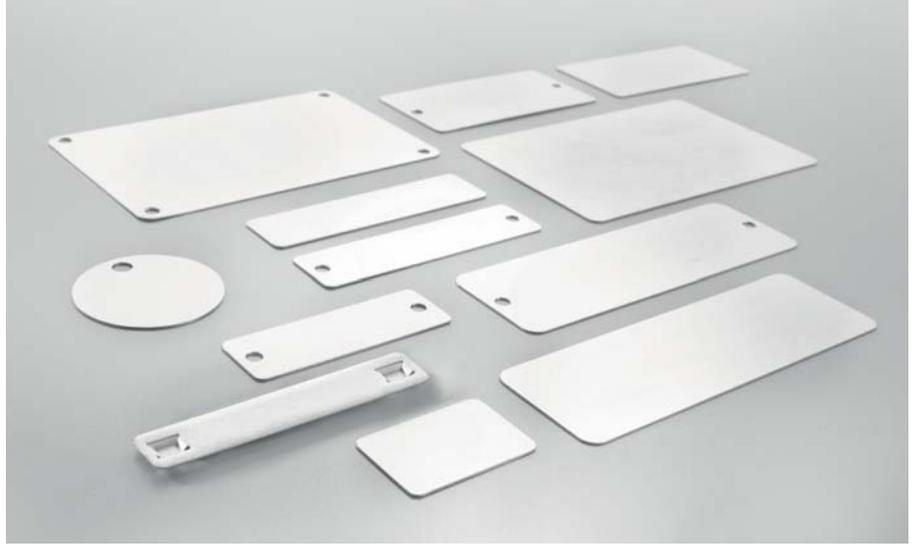
PrintJet ADVANCED enables you to print MetalliCards as standard. We offer PrintJet PRO users an update kit that allows you to process MetalliCards.



Precise colour printing across multiple tags of the same type – thanks to an inlay-secured printing process.

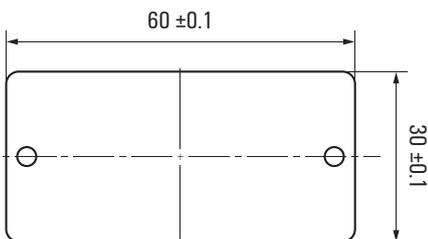


The universal inlay is designed to accept eight different tag types and is particularly suitable for printing small batch jobs.



Type description

Type	Description
CC-M 30/60 2x3 AL	ClipCard
CC-M 30/60 2x3 AL	MetalliCard
CC-M 30/60 2x3 AL	30 mm wide
CC-M 30/60 2x3 AL	60 mm high
CC-M 30/60 2x3 AL	2 holes
CC-M 30/60 2x3 AL	3.3 mm hole diameter
CC-M 30/60 2x3 AL	Aluminium
CC-M 30/60 2x3 ST	Stainless steel



Inlay

Type	Mat. No.	QTY
INLAY CC-M 85/54	1341030000	1
INLAY CC-M 27/18	1341040000	1
INLAY CC-M 85/27	1341050000	1
INLAY CC-M 30/60	1341070000	1
INLAY CC-M 15/60	1341080000	1
INLAY CC-M 15/45	1341090000	1
INLAY CC-M 58/35	1415950000	1
INLAY CC-M 70/48	1415940000	1
INLAY CC-M 18/52	1390430000	1
INLAY CC-M DIA 30	1341100000	1
INLAY SFX-M 11/60	1341110000	1
INLAY CC-M UNIVERSAL	1341120000	1

Double-sided self-adhesive labels

Type	Mat. No.	QTY
DKB CC 85/54	1175850000	100
DKB CC 85/27	1226620000	100
DKB CC 30/60	1341130000	100
DKB CC 27/18	1341140000	320
DKB CC 15/60	1341150000	160
DKB CC 15/45	1341170000	240
DKB CC DIA 30	1341180000	200

Tags

* This tag is not suitable for the universal inlay.

Type	Size	Holes	Mat. No.	QTY	Distance between holes
CC-M 85/54 AL	85 x 54 mm	-	1327600000	40	-
CC-M 85/54 ST	85 x 54 mm	-	1327620000	40	-
CC-M 27/18 AL	27 x 18 mm	-	1327630000	200	-
CC-M 27/18 ST	27 x 18 mm	-	1327640000	200	-
CC-M 85/27 AL	85 x 27 mm	-	1327650000	80	-
CC-M 85/27 ST	85 x 27 mm	-	1327670000	80	-
CC-M 30/60 AL	30 x 60 mm	-	1327680000	100	-
CC-M 30/60 ST	30 x 60 mm	-	1327690000	100	-
CC-M 15/60 AL	15 x 60 mm	-	1327700000	200	-
CC-M 15/60 ST	15 x 60 mm	-	1327720000	200	-
CC-M 15/45 AL	15 x 45 mm	-	1327730000	200	-
CC-M 15/45 ST	15 x 45 mm	-	1327740000	200	-
CC-M 58/35 AL*	58 x 35 mm	-	1415750000	100	-
CC-M 58/35 ST*	58 x 35 mm	-	1415730000	100	-
CC-M 70/48 AL*	70 x 48 mm	-	1415770000	40	-
CC-M 70/48 ST*	70 x 48 mm	-	1415740000	40	-
CC-M DIA 30 AL	ø 30 mm	4.2 mm (single)	1327750000	200	-
CC-M DIA 30 ST	ø 30 mm	4.2 mm (single)	1327770000	200	-
SFX-M 11/60 AL	11 x 60 mm	-	1327780000	50	-
SFX-M 11/60 ST	11 x 60 mm	-	1327790000	50	-
SFX-M 11/60-5 AL	11 x 60 mm	-	1422560000	50	-
SFX-M 11/60-5 ST	11 x 60 mm	-	1422570000	50	-
CC-M 85/54 4X3 AL	85 x 54 mm	3.3 mm (quadruple)	1327800000	40	78 mm hor. , 47 mm vert.
CC-M 85/54 4X3 ST	85 x 54 mm	3.3 mm (quadruple)	1327820000	40	78 mm hor. , 47 mm vert.
CC-M 85/27 2X3 AL	85 x 27 mm	3.3 mm (double)	1327830000	80	78 mm
CC-M 85/27 2X3 ST	85 x 27 mm	3.3 mm (double)	1327840000	80	78 mm
CC-M 30/60 2X3 AL	30 x 60 mm	3.3 mm (double)	1327850000	100	53 mm
CC-M 30/60 2X3 ST	30 x 60 mm	3.3 mm (double)	1327870000	100	53 mm
CC-M 15/60 2X3 AL	15 x 60 mm	3.3 mm (double)	1327880000	200	53 mm
CC-M 15/60 2X3 ST	15 x 60 mm	3.3 mm (double)	1327890000	200	53 mm
CC-M 15/45 2X3 AL	15 x 45 mm	3.3 mm (double)	1327900000	200	38 mm
CC-M 15/45 2X3 ST	15 x 45 mm	3.3 mm (double)	1327920000	200	38 mm
CC-M 58/35 2X3 AL*	58 x 35 mm	3.3 mm (double)	1415710000	100	49.5 mm
CC-M 58/35 2X3 ST*	58 x 35 mm	3.3 mm (double)	1415670000	100	49.5 mm
CC-M 70/48 2X3 AL*	70 x 48 mm	3.3 mm (double)	1415720000	40	60 mm
CC-M 70/48 2X3 ST*	70 x 48 mm	3.3 mm (double)	1415680000	40	60 mm
CC-M 18/52 2X3 ST*	18 x 52 mm	3.3 mm (double)	1390400000	200	44 mm

Accessories

Type	Mat. No.	QTY
UPDATE KIT PJPRO METAL	1344850000	1
PRIMER CC-M	1341200000	1

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Weidmüller – Partner in Industrial Connectivity.

As experienced experts, we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signals and data. We are at home in their industries and markets and are aware of future technological challenges. We are therefore continuously developing innovative, sustainable and value-adding solutions for their individual needs. Together we set standards in industrial connectivity.

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Let's connect.

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