

Make terminal assemblies look professional while increasing wiring efficiency and facilitating troubleshooting. Marking systems can be used to mark terminal block tags, wire markers, shrink tubing, labels and signs. These universal plotters can be used to print many different manufactures products such as ABB, Allen Bradley, ContaClip, Entrelec, Phoenix, Wago, Weidmuller, Wieland and more. PC software is used in conjunction with special fixtures to make production quality imprints on the VP100/500 plotter. The VS210 scriber is a self contained portable unit to print the same items on the go.

MARKING SYSTEMS

Marking Tags

The cost effective MT marking system provides quick and accurate identification. MT Push-On Marking Tags fit all Altech DIN Rail mount and panel mount terminal blocks. They can be inserted individually or as strips of 10 tags on terminal block assemblies for quick and easy marking.

MT Marking Tags are supplied blank for custom marking or they can be ordered with a horizontal or vertical imprint. The standard tag color is white with black imprint. Tags can be ordered with up to 3 characters each. Imprints can be either consecutive or identical characters. MT tags, catalog numbers MT2-MT8 are supplied in packs of identical strips, 10 tags per strip. Catalog numbers MT10-MT15 are supplied in packs of identical strips, 5 tags per strip.

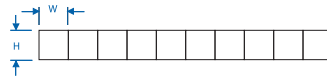
Group marker MTG1 is used for group identification and can be fixed on the end stop CA702.

When ordering specify strip marking as a suffix; i.e. MT2/H-1-10.

BLANK MARKING TAGS



| Cat. No. | Std. Pk. Strips | Tags | Dims H | W |
|----------|-----------------|------|--------|------|
| MT2 | 10 | 100 | 4.9 | 5.8 |
| MT3 | 20 | 100 | 5.0 | 10.0 |
| MT4 | 10 | 100 | 5.0 | 4.8 |
| MT5 | 10 | 100 | 9.4 | 4.5 |
| MT6 | 10 | 100 | 9.4 | 5.5 |
| MT8 | 10 | 100 | 10.4 | 7.3 |
| MT9 | 10 | 100 | 10.3 | 8.7 |
| MT9F | 10 | 10 | 10.3 | 90.0 |
| MT10 | 20 | 100 | 10.4 | 9.4 |
| MT12 | 20 | 100 | 10.4 | 11.3 |
| MT15 | 20 | 100 | 10.4 | 14.3 |
| MT20 | 20 | 100 | 4.9 | 20 |
| MT25 | 20 | 100 | 4.9 | 25 |
| MT2G | 10 | 100 | 5.0 | 5.0 |



HORIZONTAL MARKING TAGS



| Cat. No. | Std. Pk. Strips | Tags | Dims H | W |
|----------|-----------------|------|--------|------|
| MT2/H | 10 | 100 | 4.9 | 5.8 |
| MT3/H | 20 | 100 | 5.0 | 10.0 |
| MT4/H | 10 | 100 | 5.0 | 4.8 |
| MT5/H | 10 | 100 | 9.4 | 4.5 |
| MT6/H | 10 | 100 | 9.4 | 5.5 |
| MT8/H | 10 | 100 | 10.4 | 7.3 |
| MT9/H | 10 | 100 | 10.3 | 8.7 |
| MT9F/H | 10 | 10 | 10.3 | 90.0 |
| MT10/H | 20 | 100 | 10.4 | 9.4 |
| MT12/H | 20 | 100 | 10.4 | 11.3 |
| MT15/H | 20 | 100 | 10.4 | 14.3 |
| MT20/H | 20 | 100 | 4.9 | 20 |
| MT25/H | 20 | 100 | 4.9 | 25 |
| MT2G/H | 10 | 100 | 5.0 | 5.0 |



Consecutive Digits
(Specify decade)

Nos. 1-10, 11-20, etc. up to 100 *
Nos. 101-110, etc. up to 999 *



Identical Characters
(Specify digits, characters)
Nos. 1, 2, 3 etc. up to 999 *

Characters A, B, up to Z,

Symbols +, -, ⊕, *

VERTICAL MARKING TAGS



| Cat. No. | Std. Pk. Strips | Tags | Dims H | W |
|----------|-----------------|------|--------|------|
| MT2/V | 10 | 100 | 4.9 | 5.8 |
| MT3/V | 20 | 100 | 5.0 | 10.0 |
| MT4/V | 10 | 100 | 5.0 | 4.8 |
| MT5/V | 10 | 100 | 9.4 | 4.5 |
| MT6/V | 10 | 100 | 9.4 | 5.5 |
| MT8/V | 10 | 100 | 10.4 | 7.3 |
| MT9/V | 10 | 100 | 10.3 | 8.7 |
| MT9F/V | 10 | 10 | 10.3 | 90.0 |
| MT10/V | 20 | 100 | 10.4 | 9.4 |
| MT12/V | 20 | 100 | 10.4 | 11.3 |
| MT15/V | 20 | 100 | 10.4 | 14.3 |
| MT20/V | 20 | 100 | 4.9 | 20 |
| MT25/V | 20 | 100 | 4.9 | 25 |
| MT2G/V | 10 | 100 | 5.0 | 5.0 |

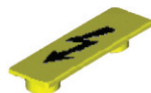
Consecutive Digits
(Specify decade)

Nos. 1-10, 11-20, etc. up to 100
Nos. 101-110, etc. up to 999

Warning Labels

These 5 position warning labels can be mounted on top of 8 mm Terminal Blocks. Besides giving visual identification, it also makes an entire DIN Rail Terminal Block assembly completely shock proof. SWL6 warning labels are suitable for CTS6U, CMD6 and CDB6 series Terminal Blocks.

SWL6



Material:
Polyamide 6.6

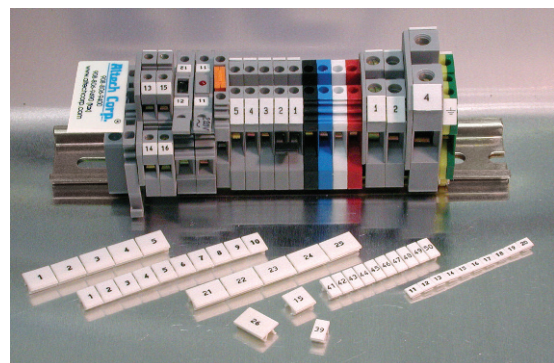
Dimensions
H x L x W:
4 x 39.5 x 27 mm

| Cat. No. | Std. Pk. |
|----------|----------|
| SWL6 | 50 |

Suitable for: All DIN Rails



Group Marker,
shown imprinted and
attached to CA 702.
Blank and custom
printing available.
Cat. No. MTG1



An Affordable Plotter Package

The New Basic CMPS Plotter Package

Altech part # 34130020

Comes with everything needed to begin
printing MT5,6,8,10,12 and 15 tags.

- CMPS plotter
- Size: 17"x18"x4.9"
- CMPS software with cable
- 1 triple fixture for MT5, 6, 8, 10, 12 & 15
- 2 disposable pens



**Call
today!**

*For use with
Altech & Connectwell
Marking Tags Only*



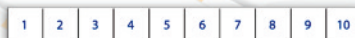
No Setup Fee
Stock to 2 weeks

STANDARD
Standard Pack 100 pcs.

Altech offers and stocks the following Horizontal and Vertical preprinted tags.

- Consecutive numbers 1-10, 11-20 etc. up to 191-200
- Consecutive numbers 1-100 and 101-200
- Common symbols +, -, $\frac{1}{2}$

HORIZONTAL



VERTICAL



CUSTOM

Custom tag printing is available with a TWO WEEK delivery to meet all specialized application needs. 500 tag min order please.

- To avoid mistakes, please send us your exact requirements in an excel spread sheet in the exact order that your tags need to be printed. Please configure your custom numbers all in column A in such that the first tag to be printed is in row 1. Any wanted blank tags should be left blank.
- Please label the spreadsheet in a way that shows label size and orientation.
For example: MT2/H for a horizontally printed MT2 tag.
- Please supply a separate spreadsheet for each tag size or orientation.

Please contact us for special custom pricing for large quantity orders or a repeat blanket order.

Scriber VS210

The VS210 base unit is a stand-alone plotting system with an integral keyboard and display screen. The marker fixture, plotter pen, and the memory cassette have to be inserted in the base unit to make it operational. The base unit comes in an aluminum carrying case and includes the memory cassette and the power supply. A manual is available in English and Spanish.

The VS 210 can be used to produce labels of all types, with its fixture changeable in a matter of seconds.

The Vario VS 210 makes labeling easy. The menu-driven program guides you quickly and easily through all the steps.

It can be used at any time and in any place. Easily transported in its special case, the battery-operated (battery pack sold separately) VS 210 can be operated precisely where you need it. The spacious case provides enough room for the extensive accessories.

Plotter VP 500

The VP 500 base unit is an auxiliary plotter and has to be connected to a PC via a parallel port or USB connection. It is a high speed plotting device and enables plotting of different markers in one setting. The marker fixture and the plotter pen have to be inserted before commencing the plotting operation. The base unit is primarily controlled through a PC with the help of Vario Sign software (sold separately). Manual available in English and Spanish.

The special design of the VP 500 enables it to hold different markers from various manufacturers at the same time. It is also possible to write on relatively large markers with a maximum height 14 mm.

Fixtures

Fixtures are required for alignment of markers with respect to the plotter pen. Different marker fixtures can be mounted on the plotter bed of the VP 500 at the same time thereby reducing set up times. Fixtures for different markers from various manufacturers like Altech, Allen Bradley, Connectwell, ContaClip, Entrelec, Weidmuller, Phoenix Contact, PTR, Wieland, Wago, Murplastik, Partex, SES Sterling, etc. are available. For more information on ordering fixtures please contact Altech.

SCRIBER VS 210



- Identifiers for connectors, wires, cables and equipment
- Cable ties, shrink tubing, labels and signs of different sizes and materials, as well as customer-specific items.
- Size: 14.9"x7.5"x1.77"
- Weight: 6.6 lbs.

Ordering Information

| | |
|---|-----------|
| BASE UNIT (includes power supply, memory cassette and carrying case) | .34000003 |
| STARTER KIT (includes cleaning unit, pen cleaners, felt pen, 0.25 mm plotter pen) and ink cartridges | .34000001 |
| FIXTURES (see page 115 or contact Altech for available manufactures) | .3490xxxx |
| MEMORY CASSETTE | .35500001 |
| BATTERY PACK | .35500000 |



Fixtures &
Memory
Cassette



Battery Pack



Plotter Pen,
Ink Cartridge

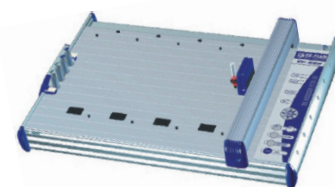
CMPS BASIC PLOTTER PACKAGE



Comes with everything needed to begin printing MT5,6,8,10,12 and 15 tags.

- CMPS plotter
- Size: 17"x18"x4.9"
- CMPS software with cable
- 1 triple fixture for MT5, 6, 8, 10, 12 & 15
- 2 disposable pens

PLOTTER VP 500

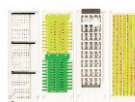


For marking:

- Identifiers for connectors, wires, cables and equipment
- Cable ties, shrink tubing, labels and signs of different sizes and materials, as well as customer-specific items.
- Size: 26"x18"x4.9"

Ordering Information

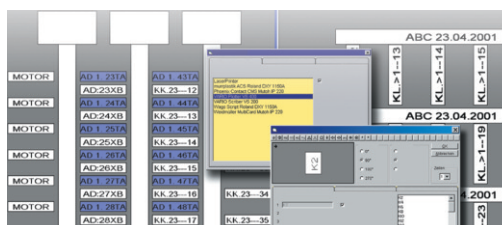
| | |
|---|-----------|
| CMPS BASIC PLOTTER PACKAGE | .34130020 |
| VP 500 BASE UNIT (includes cable) | .34000030 |
| VARIO SIGN SOFTWARE (discounted price with plotter purchase) | .34000022 |
| STARTER KIT (includes cleaning unit, pen cleaners, felt pen, 0.25 mm plotter pen) and ink cartridges | .34000001 |
| VARIO SIGN SOFTWARE (sold independent of a plotter purchase) | .34000020 |
| SERVICE KIT (includes 4 seal bonnets and 10 priming print cards) | .34000026 |
| FIXTURES (see page 115 or contact Altech for available manufactures) | .3490xxxx |



Fixtures



Plotter Pen,
Ink Cartridge

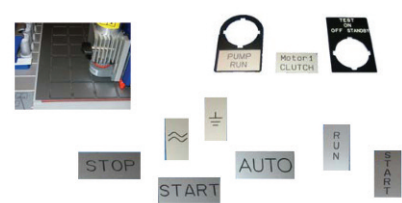


Vario Sign
Software

Marking Systems

Engraver VE500

The engraving unit was specifically designed to be used with the VP500 and CMPS 500 plotters. Changing back and forth between the pen-plotter and the engraver is easy. The engraver is meant to engrave plastic signs on double sided material, pre-cut or blank sheets, for legend plates, push button inlays, etc. The engraver is programmed by the VarioSign software for ease of use and design flexibility.



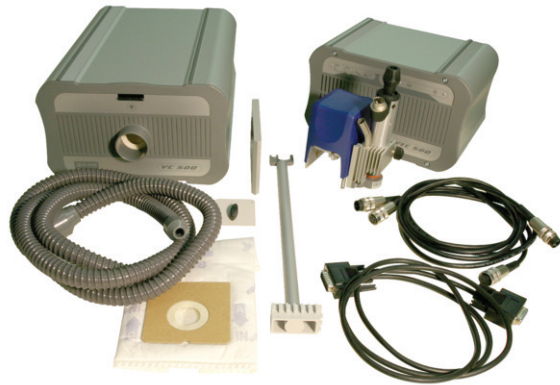
Engraving Needles

These engraving needles are to be used with the VE500 engraver. They have a 15° angle and are available in 6 tip widths or as a complete set.

Vacuum Cleaner Bag

Replacement bags for the VE500 engraver's vacuum cleaner

ENGRAVER VE500



Ordering Information

VE500 ENGRAVER UNIT (VP500 REQUIRED)34000040

ENGRAVING NEEDLE



Ordering Information

| Product | Width | Order No. |
|---|--------|-----------|
| Engraving Needle | 0.20mm | 35010003 |
| Engraving Needle | 0.30mm | 35010002 |
| Engraving Needle | 0.40mm | 35010001 |
| Engraving Needle | 0.50mm | 35010000 |
| Engraving Needle | 0.70mm | 35010004 |
| Engraving Needle | 1.00mm | 35010005 |
| Engraving Set(0.20, 0.30, 0.40, 0.50, 0.70, 1.00mm) | | 35010006 |
| Engraving Needle(0.20 mm cutter stainless steel) | | 35012033 |

VACUUM CLEANER BAG



Ordering Information

VACUUM CLEANER BAG, SET OF 535020000

Plotter Pens

These “tubular-nib” pens are suitable for Vario Scriber VS 200, Vario Plotter VP 500 and all current labeling and identification systems with HP penholders. They are available in six tip widths identified by body color - 0.18 mm, 0.25 mm, 0.35 mm, 0.50 mm, 0.70 mm, and 1.00 mm; *ink cartridge not supplied with pen*. Special variants for other systems are available on request. Specially designed pre-filled felt-tip pens are available in a set of 4 colors (black, blue, red and green) and 2 sizes - 0.3 and 0.7 mm.



“tubular-nib” pens,
6 sizes for black ink

Ink Cartridges

These are easy to insert “tubular-nib” pen cartridges containing special black ink suitable for marking, identifying and labeling various plastics. It is fast drying, smudge-proof, fade resistant, and resistant to chemicals when used on suitable plastic materials.



Disposable Pens

The disposable pens use the same special ink as used in the ink cartridges. They deliver the same outstanding durability and print quality as the standard plotter pens with the convenience of a disposable pen. These pre-filled pens allow for fast, efficient and cost effective printing without refilling ink or cleaning. They are available in three tip widths, 0.18 mm, 0.25 mm and 0.35 mm. ED type disposable pens use non-etching ink for easier handling. The ED pens should not be used on polycarbonate material.



Hand Pens

The hand pens use the same special ink, as used in cartridges, and delivers the same outstanding durability and print quality. They are used for additional identification and special labeling tasks and are available in four tip widths of 0.25mm, 0.35mm, 0.50 mm, and 0.70 mm. No ink included. Must order part 35100006.



Cleaning Unit

It is an easy-to-use cleaning unit developed specially for refillable EK Pens. The cleaning unit enables the refillable pens to be rinsed thoroughly while preventing skin contact with cleaning fluid or ink. The cleaning unit can be used for up to ten cleaning cycles. The necessary precautions must be taken when disposing of cleaning fluid, the cleaning unit can be reused.



Pen Cleaner

This cleaning solution comes in easy to handle cartridges and is used in conjunction with the cleaning unit. A standard pack consists of two pen cleaner cartridges. Cleaning can be performed on standard refillable pens only.



Adapter

This adapter allows the user of Sharpie™ Ultra Fine felt tip pens instead of standard plotter pens.



EK Plotter Pen

| Ink Color | Body Color | Tip Width | Order No. |
|-----------|------------|-----------|-----------|
| black | red | 0.18 mm | 35001018 |
| black | white | 0.25 mm | 35001025 |
| black | yellow | 0.35 mm | 35001035 |
| black | brown | 0.50 mm | 35001050 |
| black | blue | 0.70 mm | 35001070 |
| black | orange | 1.00 mm | 35001100 |

EK Ink Cartridge

| Description | Order No. |
|-----------------------------|-----------|
| 5 pieces, Black, 1 ml. each | 35100006 |

EK Disposable Plotter Pen

| Ink Color | Body Color | Tip Width | Order No. |
|-------------|------------|-----------|-----------|
| black | red | 0.18 mm | 35003018 |
| black | white | 0.25 mm | 35003025 |
| black | yellow | 0.35 mm | 35003035 |
| black / ED* | red | 0.18 mm | 35003118 |
| black / ED* | white | 0.25 mm | 35003125 |
| black / ED* | yellow | 0.35 mm | 35003135 |

*Not for printing on polycarbonate material.

EK Hand Pen

| Ink Color | Body Color | Tip Width | Order No. |
|-----------|------------|-----------|-----------|
| black | white | 0.25 mm | 35002025 |
| black | yellow | 0.35 mm | 35002035 |
| black | brown | 0.50 mm | 35002050 |
| black | blue | 0.70 mm | 35002070 |

| | |
|--------------------------|----------|
| EK Cleaning Unit (empty) | 35100009 |
|--------------------------|----------|

| | |
|-------------------------------------|----------|
| EK Pen Cleaner (2 pieces, 2x10 ml.) | 35100008 |
|-------------------------------------|----------|

| | |
|-----------------|----------|
| EK Cleaning Set | 35100010 |
|-----------------|----------|

(includes cleaning unit and pen cleaner)

| | |
|------------------------------------|----------|
| Adapter for an Ultra Fine Sharpie™ | 35000501 |
|------------------------------------|----------|

Plotter Pen Handling and Care

Handling and care of the EK-Team plotter pens for the universal EK-Team marking system.

For the state of the art universal marking system by EK-team, the manufacture is supplying a fast drying and etching ink that is required for marking plastic material within the control and automation industry. Due to these special properties of the ink, these plotter pens require much more care than a regular marking pen. Therefore EK-Team designed some helpful tools to keep your EK-team plotter pen in tip top shape.

1 Recovery and Storage Stand

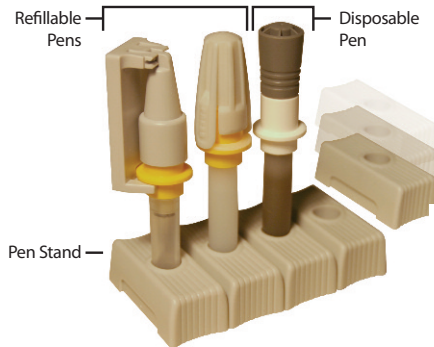
This stand is designed to keep the plotter pen in an upright position, when not used with the marking system.

The upright position allows the plotter pen to recover and to be properly stored. It is recommended to store plotter pens that will be idle for a few hours in a dry and cool location, preferably in the refrigerator.

The recovery and storage stand accommodates easy storage and handling.

Call Altech for your free recovery and storage stand.

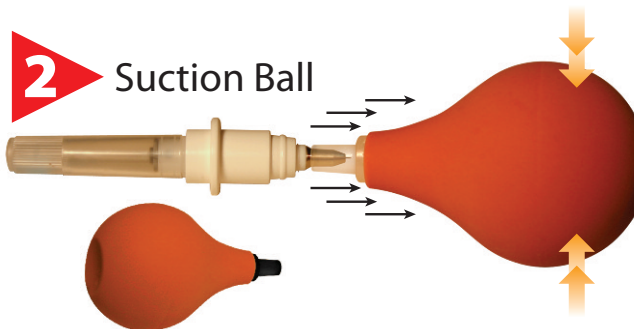
Cat. No. 35000100



Refrigerate pens when not in use for long periods of time.



2 Suction Ball



The "suction ball" is a helpful tool to bring a slightly clogged disposable or refillable plotter pen back to life.

The suction can unclog a slightly clogged plotter pen from the vacuum created within the "ball".

This additional tool can be very helpful in addition to the already available cleaning kit (Cat. No. 35100010) for the refillable plotter pens.

5 replacement tips are included with each suction ball.

Cat. No. 35100013

3 Pen Cleaning

CLEANING UNIT

It is an easy-to-use cleaning unit developed specially for refillable pens. The cleaning unit enables the pens to be rinsed thoroughly while preventing skin contact with cleaning fluid or ink. The cleaning unit can be used for up to ten cleaning cycles. The necessary precautions must be taken when disposing of cleaning fluid, the cleaning unit can be reused.

PEN CLEANER

This cleaning solution comes in easy to handle cartridges and is used in conjunction with the cleaning unit. A standard pack consists of two pen cleaner cartridges. Cleaning can be performed on standard refillable pens only.

Cleaning Set Cat. No. 35100010



| Description | Part No. |
|---|----------|
| Altech | |
| Altech MT2G | 34130010 |
| Altech MT 2n - MT 4n, MT 7.5, MT 20, MT 25 | 34902081 |
| Altech MT 5 - MT 15 | 34902001 |
| Altech Group marker G1, G2, G4 | 34902080 |
| Altech MT9 | 34902057 |
| ABB / Entrelec | |
| ABB Entrelec universal - RC/RCT quarter size | 34902063 |
| ABB Entrelec RC 510A, 610A, 810A | 34902114 |
| ABB Entrelec RC 510B, 610B, 810B" | 34902102 |
| ABB Entrelec RB-RBP 5-12 | 34902086 |
| ABB Entrelec BA 5-50 | 34902100 |
| ABB Entrelec PIB | 34902101 |
| ABB Entrelec RCCV | 34902038 |
| ABB Entrelec BS / ILS / ILS-H | 34902106 |
| Set of sticky pads (8 pcs) for RC/RCT | 34910000 |
| Allen Bradley / Woertz | |
| Allen Bradley Universal W4 SERIES OLD AB WORTZ & S.S. | 34902046 |
| Weidmüller / Rockwell (Allen Bradley) | |
| Weidmüller MultiCard Universal (M5X8) | 34902045 |
| Weidmüller MultiCard SF4-6 | 34902044 |
| Set of sticky pads (6 pcs) for Multicard Universal | 34910001 |
| Conta Clip | |
| SB5, SB6 BSTR10.12 | 34902002 |
| SB8/10 | 34902003 |
| Phoenix | |
| Phoenix Contact ZBM | 34902039 |
| Phoenix Contact ZB | 34902047 |
| Phoenix Contact ZBFM | 34902049 |
| Phoenix Contact ZBF, ZBN | 34900050 |
| Phoenix Contact BNZ | 34902051 |
| Phoenix Contact BN-ZB | 34902052 |
| Phoenix Contact SS-ZB | 34902053 |
| Phoenix Contact LBHZ | 34902054 |
| Phoenix Contact PAB | 34902055 |
| Phoenix Contact GPE | 34902071 |
| Phoenix Contact GPE | 34902106 |
| Wago | |
| WAGO WMB 4/4,2/5 | 34902041 |
| WAGO WSB 4 | 34902074 |
| WAGO WSB 5/5,2 | 34902075 |
| WAGO WSB mini | 34902076 |
| WAGO Group marker carrier | 34902078 |
| WAGO Marking Strip | 34902087 |
| WAGO Marker tags | 34902094 |
| WAGO WTB | 34902096 |
| WAGO WCB | 34902097 |
| WAGO WMB inline | 34902098 |
| WAGO 210-345 | 34902106 |
| Set of sticky pads (12 pcs) for Top Job (Marking Strip) | 34910002 |
| Weidmüller / Rockwell (Allen Bradley) | |
| Weidmüller MultiCard Universal | 34902045 |
| Weidmüller MultiCard SF4-6 | 34902044 |
| Set of sticky pads (6 pcs) for Multicard Universal | 34910001 |
| Wieland | |
| Wieland Universal | 34902043 |
| Wieland BZ/WKF 1,5 04.243.2053.0 | 34902047 |
| Wieland BZ/WKF 1,5/10 Z4.243.2053.0 | 34902049 |
| Wieland Steierform 6 x 15, 10 x 20 | 34902106 |

VE500 and CMPS 500 Engraving Fixtures

| | |
|---|----------|
| EK-TEAM | |
| Universal engraving and plot support plate half size (A4) | 34902106 |
| Universal engraving and plot support plate full size (A3) | 34902107 |
| Universal engraving and plot support plate 30x100 ninefold | 34902115 |
| Universal engraving and plot support plate 60x100 fourfold | 34902116 |
| Universal engraving and plot support plate 90x100 threefold | 34902117 |

CUSTOM FIXTURES AND OTHER MANUFACTURERES ARE AVAILABLE
Contact Altech for Pricing (not in Price Book)

*CMPS 500 only works with Altech fixtures and EK Team engraving fixtures.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Altech:](#)

[35003018](#) [MT2/V-140](#)