To put the finishing touch on your application, we offer an extensive selection of useful accessories to build and install DIN Rail terminal block assemblies and to facilitate factory and field wiring.

Accessories include end stops, end plates and partitions. Also offered are DIN Rails, ferrules, jumpers and more. From design to commissioning and operation, Altech accessories help you do the job better.

We've tried to make the selection of accessories as easy as possible. The most common accessories are listed together with their ordering information on each terminal block page in this catalog.

ACCESSORIES

MOUNTING

DIN Mounting Rails are internationally standardized and available in 35mm, 32mm and 15mm sizes, with or without perforations. These also accommodate a wide variety of control components such as circuit breakers, timers, motor starters, relays, switches, etc. The 15mm rail with miniature blocks is used when space is at a premium.
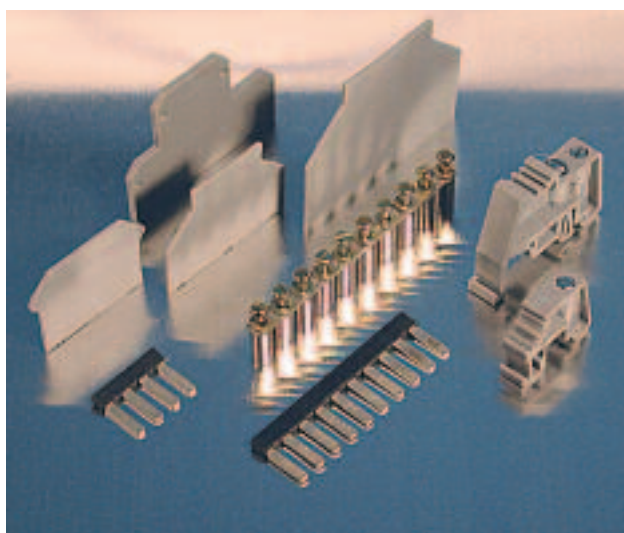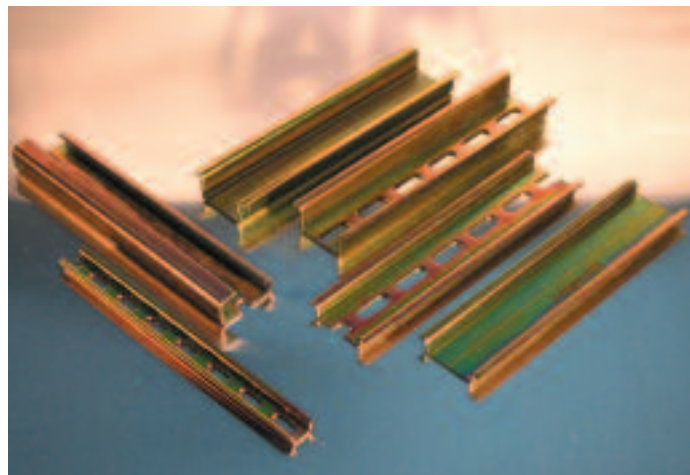

ACCESSORIES

Altech accessories add the finishing touches to your terminal block assemblies. End Stops prevent terminal blocks or other components and devices from moving laterally on the rail.

End Plates close off the last terminal in a series, a vital function, since sectional terminal blocks are supplied with one side open. Isolation partitions provide visual separation of terminal groups, as well as electrical isolation between terminals of different potentials.

INTERCONNECTION

In addition, Altech offers a wide choice of both Internal and External Jumpers to minimize wiring time and reduce installation cost. Available in standard 2, 3, 4 and 10 pole configurations, or custom multipole jumpers. Our internal jumpers screw directly into terminal block busbars.

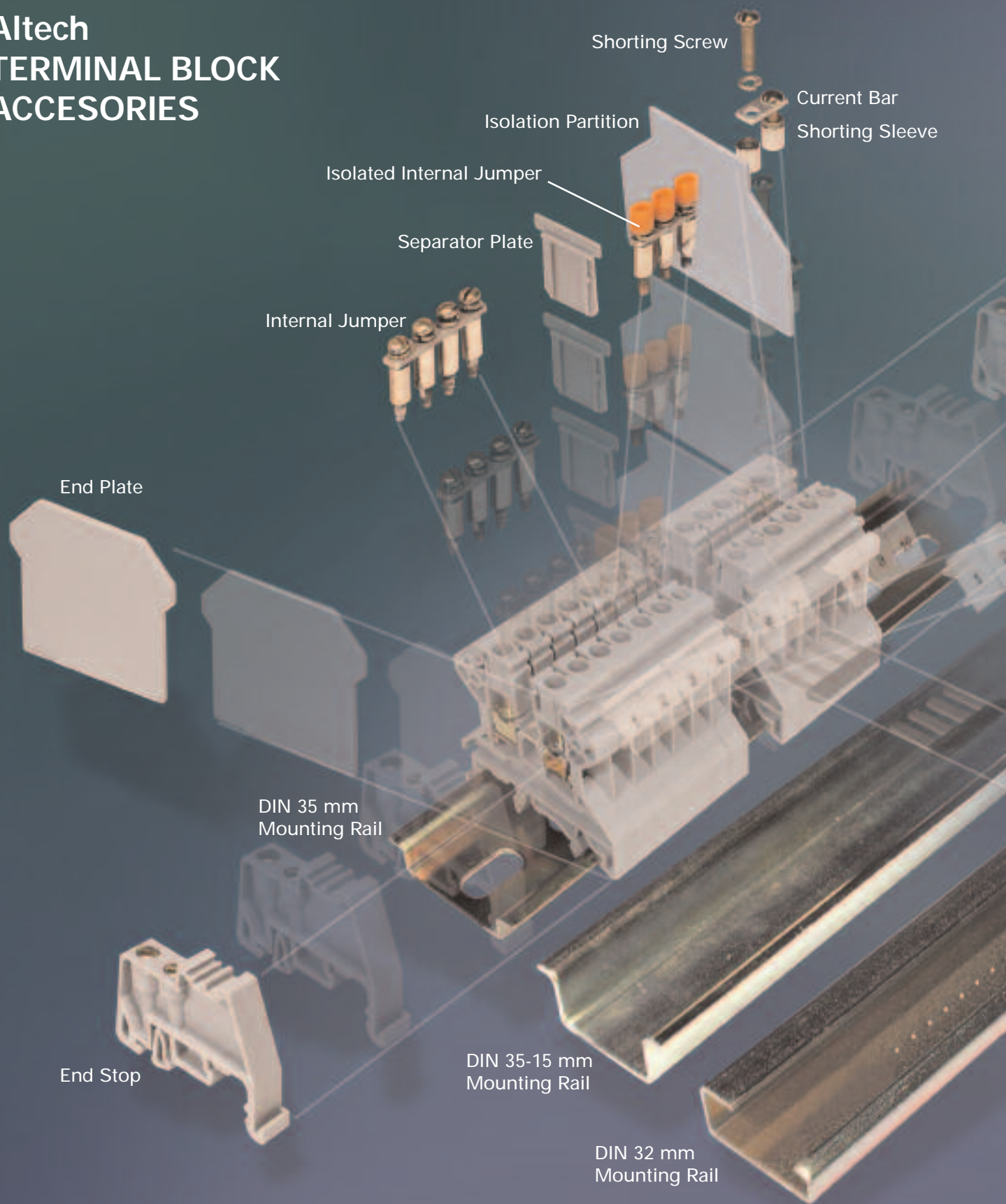External jumpers are available in straight-comb styles. They may be used for terminal blocks without internal jumpering provisions or in combination with internal jumpers.
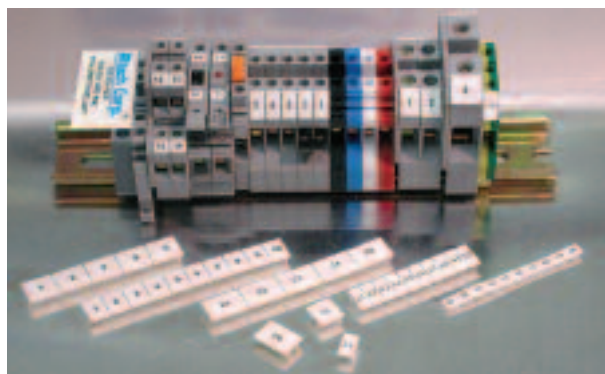
MARKING TAGS

Marking Tags make DIN Rail assemblies easier to wire and facilitate troubleshooting. Altech's extensive terminal block marking system includes standard or custom printed push on tags in a variety of sizes for circuit identification.

Altech
TERMINAL BLOCK ACCESORIES

Shorting Screw

Current Bar

Isolation Partition

Shorting Sleeve

Isolated Internal Jumper

Separator Plate

Internal Jumper

End Plate

DIN 35 mm Mounting Rail

End Stop

DIN 35-15 mm Mounting Rail

DIN 32 mm Mounting Rail

End Stop

Marking Tag

Sample Terminal Block Assembly
showing all accessories

External Jumper

Support Bracket
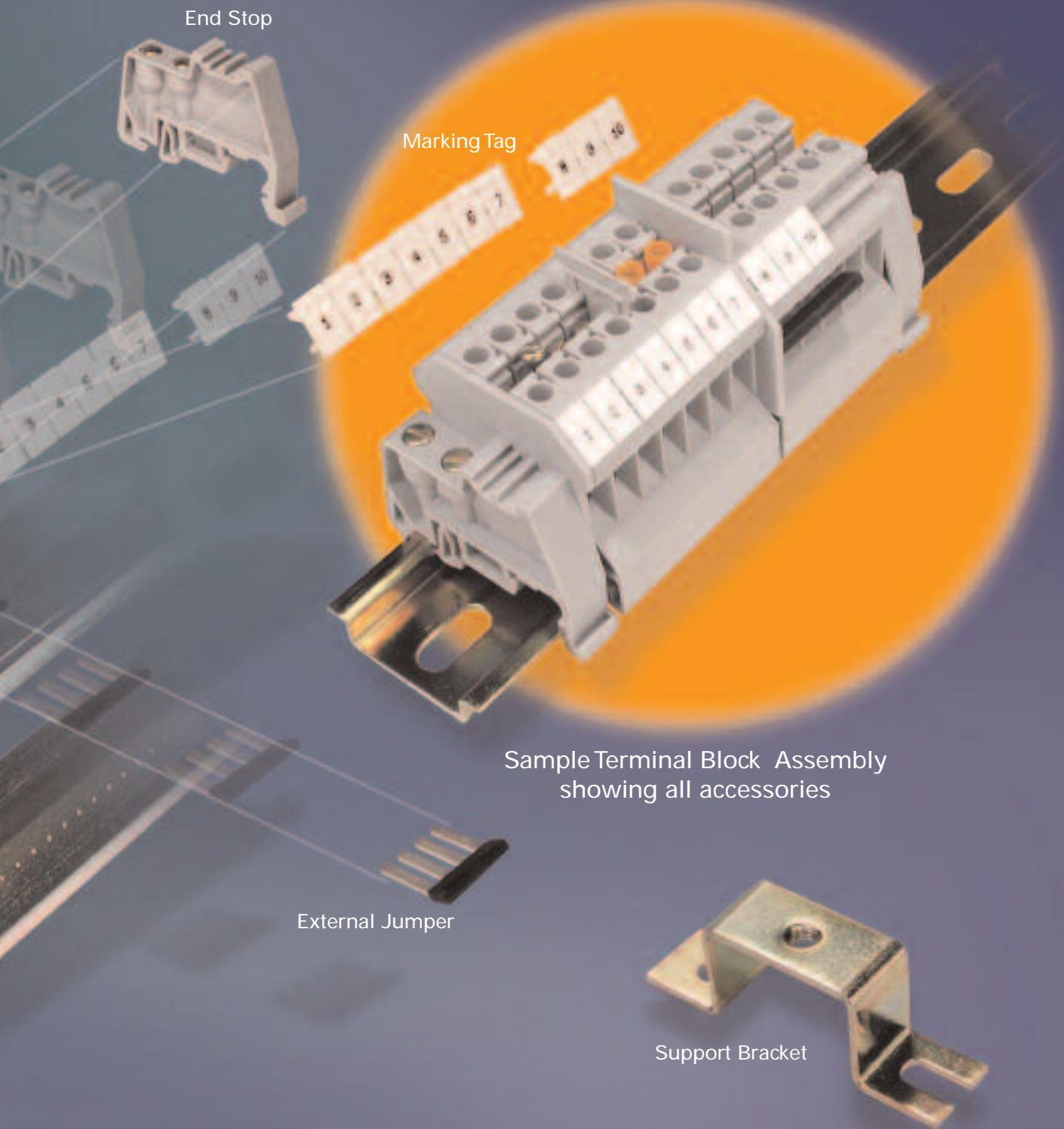
DIN MOUNTING RAILS

Altech DIN Rails comply with DIN 50045, 50022 and 50035 Standards. DIN Rails have been accepted throughout the world, allowing the designer to mount a wide variety of control components, devices, terminal blocks, etc. on the same rail. The use of DIN Rails enhances design capabilities, saves space and reduces labor.

Standard rails are made of steel with zinc plating and chromate passivation and are available in various configurations.

DIN Rails are available in 35mm (7.5 and 15mm deep), 32mm and 15mm widths and are supplied in 1 m (3'3") and 2 m (6'6") lengths. Upon request they can be cut to custom lengths and punched with holes or perforations.
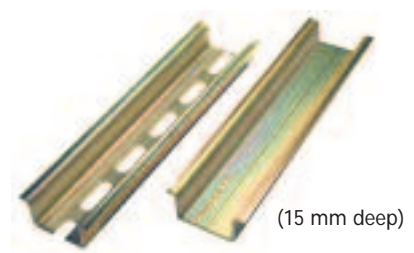
- 35mm, 32mm, 15mm
- Perforated or unperforated
- Rail material is steel, zinc plated yellow chromated.

DIN35			
(7.5 mm deep)			
Type	Cat. No.	Length	Std. Pk.
Perforated Steel	2511120	2m	20
	2511120/1M	1m	40
Unperforated Steel	2511110	2m	20
	2511110/1M	1m	40

DIN35			
(15 mm deep)			
Type	Cat. No.	Length	Std. Pk.
Perforated Steel	CA701-15/S-2M	2m	12
	CA701-15/S	1m	24
Unperforated Steel	CA701-15-2M	2m	12
	CA701-15	1m	24

DIN32			
(15mm deep)			
Type	Cat. No.	Length	Std. Pk.
Perforated Steel	2511160	2m	12
	2511160/1M	1m	24
Unperforated Steel	2511150	2m	12
	2511150/1M	1m	24

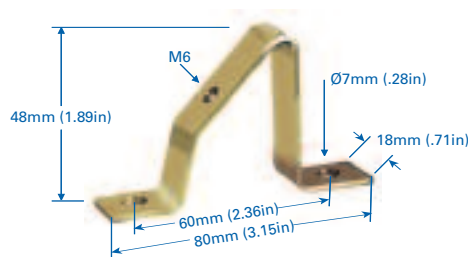| DIN15			
(5.5mm deep)			
Type	Cat. No.	Length	Std. Pk.
Perforated Steel	CA601/S	1m	40

SUPPORT BRACKETS

Support Brackets elevate DIN Rails away from the panel to facilitate component mounting and to increase wiring access. Angled brackets tilt the rail by 45° to improve visibility. Straight brackets are available in three heights for optimum positioning of the rail.

Brackets mount with 2 screws to any panel or flat surface and have tapped center holes for rail mounting. Bracket material is steel, zinc plated yellow chromated.

CA603	
M6	
48mm (1.89in)	
Ø7mm (.28in)	
18mm (.71in)	
60mm (2.36in)	
80mm (3.15in)	

Suitable for all mounting rails

Cat. No.	Std. Pk.
CA603	25

TSTW	
M6	
Slot 6x15mm (.24x.59 in.)	H
6mm(.24 in.)	
52mm(2.05 in.)	Ø6mm(.24 in.)
74mm(2.98 in.)	18mm(.71in.)
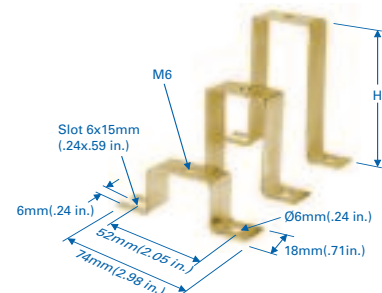
Complete with rail mounting hardware: including one screw & one locknut

Height	Cat. No.	Std. Pk.
1"	CA703	25
2"	CA803	25
3"	CA903	25

END STOPS

End Stops prevent terminal blocks and other DIN Rail mount components and devices from moving laterally on the rail. They are available in polyamide 6.6 and metal configurations for 35mm, 32mm, and 15mm DIN rails. CA102 and CA202 are large endstops for heavy duty applications. CA103 is a screwless endstop and snaps on to the DIN rail.

	CA102	CA202	CA702	CA802	CA602
Material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Dimensions H x L x W	46 x 50 x 9 mm	44.5 x 50 x 9.5 mm	34 x 44 x 9 mm	32 x 45 x 8 mm	20 x 28 x 8 mm
Cat. No. / Std. Pk.	CA102 50	CA202 50	CA702 50	CA802 50	CA602 50
Suitable for	32 and 35 mm DIN Rails	35 mm DIN Rails	32 and 35 mm DIN Rails	35 mm DIN Rails	15 mm DIN Rails

	CA103	CA302	CA402	CA502
Material	Polyamide	Steel	Steel	Steel
Dimensions H x L x W	41 x 35 x 6 mm	27 x 39.5 x 16 mm	27 x 39.5 x 16 mm	25 x 22.5 x 11.5 mm
Cat. No. / Std. Pk.	CA103 50	CA302 50	CA402 50	CA502 50
Suitable for	35 mm DIN Rails	35x7.5mm DIN Rails	35x15 mm DIN Rails	32 mm DIN Rails

SPACER / SEPARATOR

CASP is a DIN Rail mountable spacer generally used for circuit separation.

DIN RAIL MOUNTING FOOT

CMTB-35 is used to assemble components on a DIN rail. Comes with pre-punched holes.

- Support bracket for DIN rail mounting parts
- Hole Qty x dia., 4x4.3mm, 2x5mm

GROUP IDENTIFICATION

GMH6 & GMH7 is used for custom identification for assembled terminal blocks. A small piece of paper can be inserted in the slot which is covered with a transparent plastic sheet.

	CASP	CMTB-35	GMH6	GMH7
Material	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6	Polyamide 6.6
Dimensions H x L x W	29 x 43 x 8 mm	18 x 58 x 18 mm	46.5 x 44.5 x 9.5 mm	46.5 x 44.5 x 19.5 mm
Cat. No. / Std. Pk.	CASP 50	CMTB-35 50	GMH6 50	GMH7 50
Suitable for	All DIN Rails	Mounting Foot for 35 mm DIN rails	All DIN Rails	All DIN Rails

END PLATES & ISOLATION PARTITIONS

End Plates

End plates are used to cover the open side of sectional DIN Rail mount terminal blocks. They should be used at the end of an assembly of identical terminal blocks or whenever there is a change in the physical size of the terminal block.

- Material: polyamide 6.6
- Standard color: gray

Isolation Partitions

Isolation partitions provide separation between terminal blocks with different potentials. When used for DC power applications, voltages of up to ± 600V DC can be used on either side of the isolation partition. They also provide visual separation between groups of blocks.

- Material: polyamide 6.6
- Standard color: gray

Separator Plates

Used for electrical separation of adjacent jumpers. They can be inserted after the terminal blocks have been assembled on DIN rail. There is no loss of width.

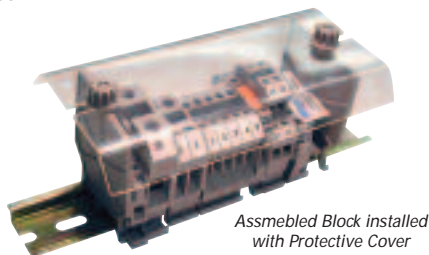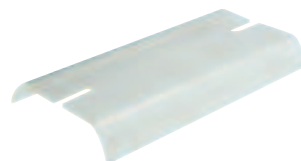|	END PLATES		PARTITIONS		SEPARATOR	
Terminal Block	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
CTS2.5UN/4UN/ CTT2.5UK/T/J	EP2.5/ 4UN	50	PP2.5/4UN	50	SP2.5/4UN	100
CTS6U/10U	EP6/10U	50	PP6/10U	50	SP6/10U	100
CTS16U					SP6/10U	100
CTS25U	EP25U	50	PP25U	50		
CTS35U	EP35U	50	PP35U	50		
CMT4/CM4S/CMT4SU	EPCMT4	50	PPCMT4	50		
CDL4U/4UIS/4U(0)/ Electronic TB	EPCDL4U	50			SPCDL4U	100
ODL4U (front)	EPODL4U	50				
ODL4U (back)	EP1ODL4U	50				
CSFL4U/CSDL4U/CSFL4U(L)	EPCSFL4U	50	PPCSFL4U	50		
CSFL6U/CSDL6U	EPCSFL6U	50				
DDFL4U/4U(E)/4U(E)LR/DDDL4U	EPDDFL4U	25				
CAFL4U/4U(L)/4U(N)	EPCAFL4U	25				
CTL2.5U/CTL2.5U(L)	EPCTL2.5U	50				
CTL2.5UH/CTL2.5UH(L)	EPCTL2.5U-H	50				
CDTTU/CDTTU-SH	EPCDTTU	50				
CKT4U	EPCKT4U	50				
CTC4U	EPCTC4U	50				
CMC1-2	EPCMC1-2	50				
CMC2-2	EPCMC2-2	50				
CSTSN4U/N5U/B4U/B5U	EPCSTSN5U	50				
CSC2.5T/CSCG2.5T	EPCSC2.5T	50	PPCSC2.5T	50		
CSC4T/CSCG4T	EPCSC4T	50	PPCSC4T	50		
CSC6T/CSCG6T	EPCSC6T	50	PPCSC6T	50		
CSC10T/CSCG10T	EPCSC10T	50				
CSC2.5T1-2	EPCSC2.5T1-2	50				
CSC2.5T2-2	EPCSC2.5T2-2	50				
CSC4T1-2	EPCSC4T1-2	50				
CSC4T2-2	EPCSC4T2-2	50				
CSC6T1-2	EPCSC6T1-2	50				
CMB4	EPCMB4	50			SPCMB4	100
ADL2.5	EPADL2.5	50				
ASF4/ASF4L	EPASF4	50				

PROTECTIVE COVER / SIDE HOLDING PLATES

For protection against dust and shock, transparent protective cover can be installed above the terminal block assembly with the aid of side/holding plates. The side holding plates can be fitted on 35 mm and 32 mm Din rails. These plates should be backed by standard end stops.

Assmebled Block installed with Protective Cover

CTSPC

For all Rail Mounting Terminals

CSP1

Mounting Accessories for CTSPC

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.

MT9F is a 90 mm continuous marking strip. It can be cut to specific lengths as desired.

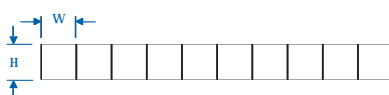Group marker MTG1 is used for group identification and can be fixed on the end stop CA702.

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

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

MT MARKING TAGS

Tags

Blank

Horizontal Tags

Consecutive Digits (Specify decade)
Nos. 1-10, 11-20, etc. up to 100 *
Nos. 101-110, etc. up to 999 *

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

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

Symbols +, -, ⏚ *

| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

Vertical Tags

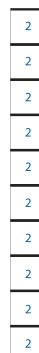Consecutive Digits (Specify decade)
Nos. 1-10, 11-20, etc. up to 100
Nos. 101-110, etc. up to 999

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

Symbols +, -, ⏚

Cat. No.	Std. Pk. Strips	Std. Pk. Tags	Dimensions H	Dimensions 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	100	100	4.9	20
MT25	100	100	4.9	25

Cat. No.	Std. Pk. Strips	Std. Pk. Tags	Dimensions H	Dimensions 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	100	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	100	100	4.9	20
MT25/H	100	100	4.9	25

Cat. No.	Std. Pk. Strips	Std. Pk. Tags	Dimensions H	Dimensions 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	100	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	100	100	4.9	20
MT25/V	100	100	4.9	25

MARKING SYSTEMS

Scriber VS 200

The VS200 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 200 can be used to produce labels of all types, with its fixture changeable in a matter of seconds.

The Vario VS 200 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 200 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. 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, Murrplastik, Partex, SES Sterling, etc. are available. For more information on ordering fixtures please contact Altech.

SCRIBER VS 200

- 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

VS 200 BASE UNIT (includes power supply, memory cassette and carrying case) 34000000
STARTER KIT (includes cleaning unit, pen cleaners, felt pen, 0.25 mm plotter pen)
and ink cartridges 34000001
FIXTURES (Contact Altech for available manufactures) 3490xxxx
MEMORY CASSETTE 35500001
BATTERY PACK 35500000

Fixtures & Memory Cassette

Battery Pack

Plotter Pen, Ink Cartridge

PLOTTER VP 500

- 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

VP 500 BASE UNIT (includes cable) 34000030
STARTER KIT (includes cleaning unit, pen cleaners, felt pen, 0.25 mm plotter pen)
and ink cartridges 34000001
FIXTURES (Contact Altech for available manufactures) 3490xxxx
VARIO SIGN SOFTWARE 34000020
SERVICE KIT (includes 4 seal bonnets and 10 priming print cards) 34000026

Fixtures

Plotter Pen, Ink Cartridge

Vario Sign

MARKING SYSTEMS ACCESSORIES

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. Special variants for other systems are available on request. Specially designed 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

felt-tip pens, 2 sizes, 4 colors

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 two tip widths, 0.25 mm and 0.35 mm.

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 0.25 mm, 0.35 mm, 0.50 mm, and 0.70 mm.

CLEANING UNIT

It is an easy-to-use cleaning unit developed specially for EK 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

Product	Width	Order No.
EK Plotter Pen	0.18 mm	35001018
EK Plotter Pen	0.25 mm	35001025
EK Plotter Pen	0.35 mm	35001035
EK Plotter Pen	0.50 mm	35001050
EK Plotter Pen	0.70 mm	35001070
EK Plotter Pen	1.00 mm	35001100
EK Felt-tip Pen-Set	0.30 mm	35000005
EK Felt-tip Pen-Set	0.70 mm	35000010

Product	Width	Order No.
EK Ink Cartridge		
(5 pieces, Black)		35100006

Product	Width	Order No.
EK Disposable Plotter Pen	0.25 mm	35003025
EK Disposable Plotter Pen	0.35 mm	35003035

Product	Width	Order No.
EK Hand Pen	0.25 mm	35002025
EK Hand Pen	0.35 mm	35002035
EK Hand Pen	0.50 mm	35002050
EK Hand Pen	0.70 mm	35002070

Product	Width	Order No.
EK Cleaning Unit		35100009

Product	Width	Order No.
EK Pen Cleaner (2 pieces)		35100008
EK Cleaning Set		35100010
(includes cleaning unit and pen cleaner)		

ACCESSORIES

Jumpering System

The jumpering systems bus potentials between terminal blocks, reducing wiring time. Adjacent blocks or selective terminal blocks within an assembly can be easily interconnected, leaving terminal clamps free for wiring. Purchase complete assemblies, which are ready for installation, or select individual components to create custom or extra long jumpers. Jumper ampacity is lower than the rated current of the respective terminal blocks, therefore, applied current must not exceed the maximum current value of the block. Internal jumpers may be used in combination with external jumpers to achieve additional jumpering possibilities.

Internal Jumper Assemblies

Internal Jumper Assemblies consist of a Current Bar, Shorting Sleeves and screws. They install easily into the center of the terminal block and connect to the current bar. They are available as standard 2, 3, 4 or 10 pole assemblies and are ready for immediate installation. Insulated internal jumpers provide shock protection when installed on terminal block assemblies.

External Jumpers

External Jumpers bus potentials between terminal blocks, reducing wiring time. Adjacent or selected blocks within an assembly can be easily interconnected. Jumper poles may be removed for selective jumpering. Jumpers are insulated and available in 2, 3, 4 and 10 pole versions. They are made of tin plated brass/copper.

Current Bars

Current Bars are offered to create custom jumper assemblies for increased number of poles or custom jumpers. Select the current bar with the required number of poles, or field cut them to the required length. They are made of tin or nickel plated copper or brass.

Shorting Sleeves & Screws

Shorting Sleeves & Screws ensure reliable and mechanically safe electrical connections between current bars and the terminal block current bars. One shorting sleeve is required for each jumpered terminal. They are made of nickel plated brass.

[1] Internal Jumpering System not available.
[2] 100 pole strip can be broken down to any number of poles desired.

Terminal Series	Poles	INTERNAL JUMPER Cat. No.	Std. Pk.	INSULATED INTERNAL JUMPER Cat. No.	Std. Pk.
CTS2.5U-N	2	CA721/2	100	CA741/2	100
	3	CA721/3	50	CA741/3	50
	4	CA721/4	50	CA741/4	50
	10	CA721/10	10	CA741/10	10
	100[2]	CA721/100	10	CA741/100	10
CTS4U-N CMC1-2 CMC2-2 CTS4U-TM CKT4U[1]	2	CA722/2	100	CA742/2	100
	3	CA722/3	50	CA742/3	50
	4	CA722/4	50	CA742/4	50
	10	CA722/10	10	CA742/10	10
	100[2]	CA722/100	10	CA742/100	10
	10 (breakable)				
CTS6U CDTTU[1] CDTTU-SH[1] CSDL6U[1] CSFL6U[1]	2	CA723/2	100	CA743/2	100
	3	CA723/3	50	CA743/3	50
	4	CA723/4	50	CA743/4	50
	10	CA723/10	10	CA743/10	10
CTS10U	2	CA724/2	100	CA744/2	100
	3	CA724/3	50	CA744/3	50
	4	CA724/4	50	CA744/4	50
	10	CA724/10	10	CA744/10	10
CTS16U	2	CA751/2	50	CA761/2	50
	3	CA751/3	50	CA761/3	50
	4	CA751/4	50	CA761/4	50
	10	CA751/10	10	CA761/10	10
CTS25U	2	CA725/2	50	CA745/2	50
	3	CA725/3	25	CA745/3	25
	4	CA725/4	25	CA745/4	25
	10	CA725/10	10	CA745/10	10
CTS35U	2	CA726/2	50	CA746/2	50
	3	CA726/3	25	CA746/3	25
	4	CA726/4	25	CA746/4	25
	10	CA726/10	10	CA746/10	10
CMT4 CMT4S CMB4 CDL4U CDL4U(I.S) ODL4U CDL4U-TM	2	CA727/2	100	CA747/2	100
	3	CA727/3	50	CA747/3	50
	4	CA727/4	50	CA747/4	50
	10[2]	CA727/10	10	CA747/10	10
	100[2]				
	10 (breakable)				
DDFL4U DDFL4U(E) DDDL4U CSFL4U[1] CSFL4U(L)[1] CSDL4U[1]	2	CA729/2	100	CA749/2	100
	3	CA729/3	50	CA749/3	50
	4	CA729/4	50	CA749/4	50
	10	CA729/10	10	CA749/10	10
CAFL4U[1] CAFL4U(L)[1]	2				
	3				
	4				
	10				
CTL2.5U CTL2.5U-H CTL2.5U(L) CTL2.5U-H(L) CTL2.5U(I.S)	2	CA722/2	100		
	3	CA722/3	50		
	4	CA722/4	50		
	10	CA722/10	10		
	100[2]	CA722/100	5		
	10 (breakable)				

EXTERNAL JUMPER		CURRENT BAR		SHORTING SLEEVE & SCREWS	
Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
CA717/2	100	CA703/01	100	CA707/S/Q/01	100
CA717/3	100	CA704/01	100	CA707/S/Q/01	100
CA717/4	100	CA705/01	100	CA707/S/Q/01	100
CA717/10	20	CA731/10	100	CA707/S/Q/01	100
		CA731/100	10	CA707/S/Q/01	100
CA713/2	100	CA703/1	100	CA707/S/Q/01	100
CA713/3	100	CA704/1	100	CA707/S/Q/01	100
CA713/4	50	CA705/1	100	CA707/S/Q/01	100
CA713/10	20	CA732/10	100	CA707/S/Q/01	100
		CA732/100	10	CA707/S/Q/01	100
		CA732/10-A	100	CA707/S/Q/01	100
CA710/2	100	CA703/2	100	CA707/S/Q/1	100
CA710/3	100	CA704/2	100	CA707/S/Q/1	100
CA710/4	100	CA705/2	100	CA707/S/Q/1	100
CA710/10	20	CA733/10	100	CA707/S/Q/1	100
CA718/2	100	CA703/3	100	CA707/S/Q/1	100
CA718/3	50	CA704/3	100	CA707/S/Q/1	100
CA718/4	50	CA705/3	100	CA707/S/Q/1	100
CA718/10	20	CA734/10	100	CA707/S/Q/1	100
		CA703/8	100	CA707/S/Q/5	100
		CA704/8	100	CA707/S/Q/5	100
		CA705/8	100	CA707/S/Q/5	100
		CA739/10	100	CA707/S/Q/5	100
		CA707/S/Q/5	100	CA707/S/Q/2	100
		CA707/S/Q/5	100	CA707/S/Q/2	100
		CA707/S/Q/5	100	CA707/S/Q/2	100
		CA707/S/Q/5	100	CA707/S/Q/2	100
		CA703/5	100	CA707/S/Q/2	100
		CA704/5	100	CA707/S/Q/2	100
		CA705/5	100	CA707/S/Q/2	100
		CA736/10	100	CA707/S/Q/2	100
CA714/2	100	CA703/1	100	CA607/S/Q	100
CA714/3	100	CA704/1	100	CA607/S/Q	100
CA714/4	50	CA705/1	100	CA607/S/Q	100
CA714/10	50	CA732/10	100	CA607/S/Q	100
		CA732/100	10		
		CA732/10-A	100		
CA711/2	100	CA703/6	100	CA707/S/Q/3	100
CA711/3	100	CA704/6	100	CA707/S/Q/3	100
CA711/4	50	CA705/6	100	CA707/S/Q/3	100
CA711/10	20	CA737/10	100	CA707/S/Q/3	100
CA716/2	50				
CA716/3	50				
CA716/4	50				
CA716/10	20				
CA715/2	100	CA703/1	100	CA707/S/Q/01	100
CA715/3	100	CA704/1	100	CA707/S/Q/01	100
CA715/4	100	CA705/1	100	CA707/S/Q/01	100
CA715/10	20	CA732/10	100	CA707/S/Q/01	100
		CA732/100	10	CA707/S/Q/01	100
		CA732/10-A	100	CA707/S/Q/01	100

Spring Clamp Terminal Block Accessories

	ADJACENT JUMPER		ALTERNATE JUMPER		WIRE TYPE JUMPER	
Terminal	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
CSC2.5T	CA801/1	100	CA801/1-3	100	CA901/1	100
CSC4T	CA801/2	100	CA801/2-3	100	CA901/2	100
CSC6T	CA801/3	100	CA801/3-3	100	CA901/3	100
CSC10T	CA801/4	100				
CSC2.5T1-2	CA801/1	100	CA801/1-3	100	CA901/1	100
CSC2.5T2-2	CA801/1	100	CA801/1-3	100	CA901/1	100
CSC4T1-2	CA801/2	100	CA801/2-3	100	CA901/2	100
CSC4T2-2	CA801/2	100	CA801/2-3	100	CA901/2	100
CSC6T1-2	CA801/3	100	CA801/3-3	100	CA901/3	100
CSCP2.5T	CA803/1	100				
CSCP2.5T2	CA803/1	100				
ADL2.5	CA801/1	100	CA801/1-3	100	CA901/1	100
ASF4	CA801/7	100				

Step Down Jumpers

Used for jumpering different size blocks.

Cat. No.	Jumper for	Std. Pk.
CA901/4	CSC6T-CSC4T	100
CA901/5	CSC6T-CSC2.5T	100
CA901/6	CSC4T-CSC2.5T	100

Wire Type Jumper

For adjacent jumpering

For alternate jumpering
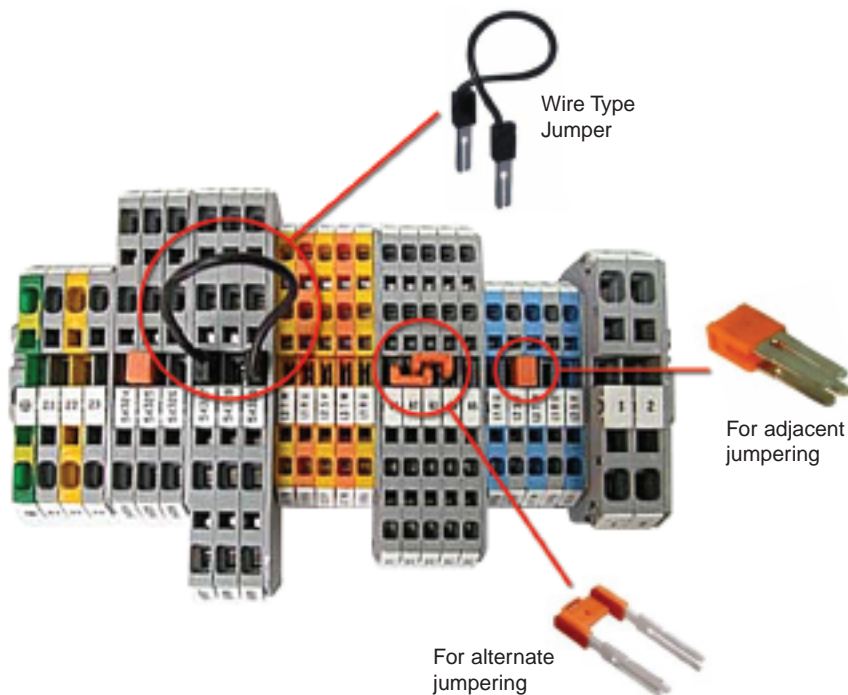
Stud Type Terminal Block Jumpers

Terminals	Poles	External Jumper	Std. Pk.	Poles	External Ring Jumper	Std. Pk.
CSTSB4	2	CA514/1-2	100	2	CA514/3-2	100
CSTSB5	3	CA514/1-3	50	3	CA514/3-3	50
CSTSN4	4	CA514/1-4	50	4	CA514/3-4	50
CSTSN5						

Altech has a large variety of pluggable and fixed blocks in US and Metric Pin Spacing that are competitively priced and in stock for immediate delivery.

So the next time you need quality PCB terminal blocks check out Altech.

MOUNTING TRACKS
For Printed Circuit Boards
DIN Rail or Panel Mount

Mount standard or custom printed circuit boards in Mounting Tracks which can be conveniently DIN rail or panel mounted in your control panel or cabinet. These are the same tracks used for Altech interface modules. We now make them available to you to house and protect your custom boards, etc. Tracks are easily cut to size or can be ordered precut to specific lengths. They are easily assembled from standard components and snap onto 35mm DIN rail or can be panel mounted.

Each track has two sets of printed circuit board guides to accept two alternate board widths.

End Sections hold printed circuit boards securely in place and keep out foreign objects.

MOUNTING

When mounting extrusions on DIN rail, order two or more MTGF DIN Rail mounting feet. These feet slide into grooves on the extrusion. Then attach two EPDR DIN Rail Mount End Sections with help of EPS screws.

To panel mount, order two EPDP Panel Mount End Sections (and EPS screws), each with an integral mounting flange with a 6 x 8mm (.24 x .32 in.) hole slot.

If desired, tracks can be direct mounted using double sided tape. Order two EPDR End Sections (and EPS screws).

- Standard Lengths: 1m (3'-3")
  or 2m (6'-6")
- Track Material: PVC
- Temperature Limit:
  Short Term: 80°C (176°F)
  Continuous: 70°C (158°F)
- End Section, Foot Material: Polyamide
- Preassembled, Precut Lengths Available
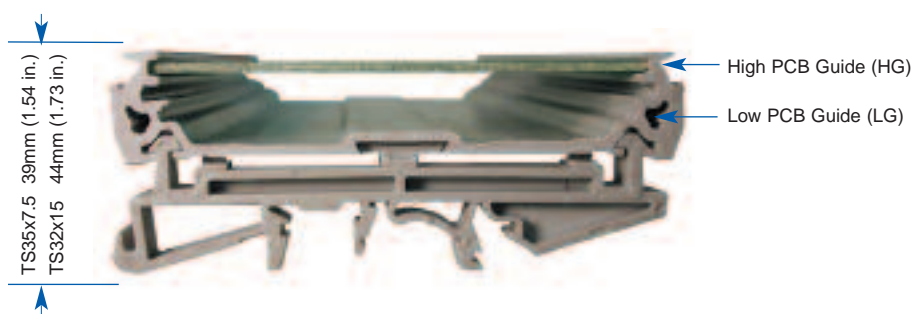- Tracks Accept Standard MT2 Marking Tags

**Mounting Track
Extrusion and Components**
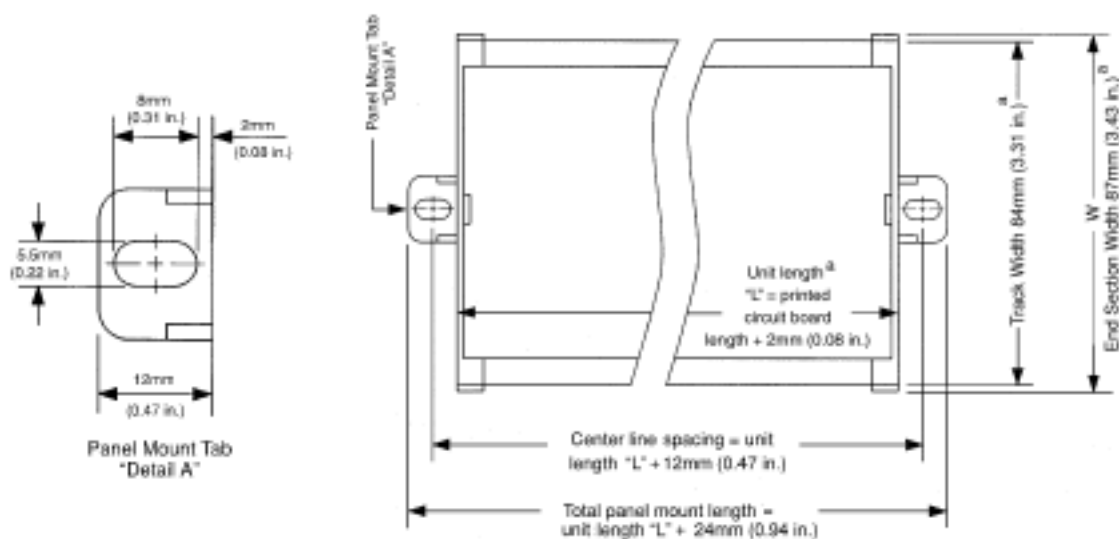
For PC Board Widths
72.6mm (2.86) or 68.5mm (2.70)

		Cat. No.	Std. Pk.
Mounting Track			
1 meter		MTGTK/1M	5
2 meter		MTGTK	5
Accessories			
DIN Rail Mount End Section		EPDR	100
DIN Rail Mounting Foot		MTGF	100
Panel Mount End Section		EPDP	100
DIN Rail / Panel Mount End Section Screws #4x1/2″, Phillips Pan head (2 required per end section)		EPS	200
Marking Tags		MT2	100

DIN Rail Mount

High PCB Guide (HG)
Low PCB Guide (LG)

TS35x7.5 39mm (1.54 in.)
TS32x15 44mm (1.73 in.)

Printed circuit board shown in High Guide

Panel Mount

8mm (0.31 in.)
2mm (0.08 in.)
5.5mm (0.22 in.)
12mm (0.47 in.)

Panel Mount Tab "Detail A"

Panel Mount Tab "Detail A"

Track Width 84mm (3.31 in.)
End Section Width 87mm (3.43 in.)
W

Unit length "L" = printed circuit board length + 2mm (0.08 in.)

Center line spacing = unit length "L" + 12mm (0.47 in.)

Total panel mount length = unit length "L" + 24mm (0.94 in.)

16mm (.630 in.)

High PCB Guide (HG)
Low PCB Guide (LG)

Printed circuit board shown in High Guide

Sizing Information

Printed Circuit Board Width		
Track Type	High Guide (HG)	Low Guide (LG)
MTGTK	72.6 ± 0.2mm (2.86 ± .008 in.)	68.5 ± 0.5mm (2.70 ± .019 in.)

Mounting Track Extrusion "Cut-to-Size" Formula
Extrusion Length = Printed Circuit Board Length – 4.5mm (.177 in.)

[a]Also applies for DIN Rail Mount Unit

RECEPTACLES

Features:
- DIN Rail, Panel Mount or Wall Mount
- Rating: 15A/125V AC
- Finger Protection: IP20
- Available in 3 colors.

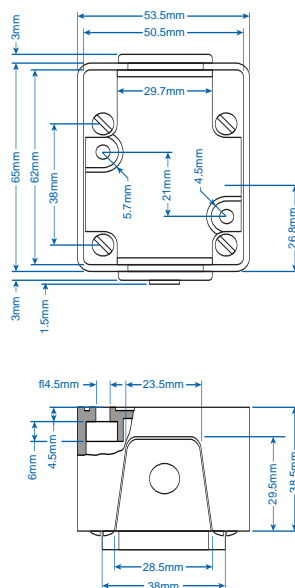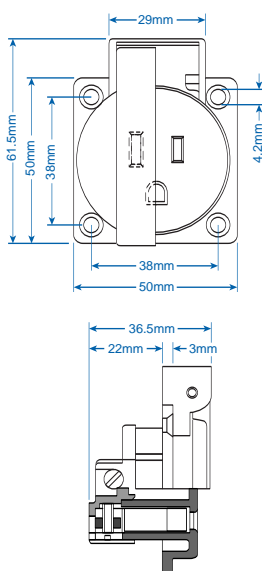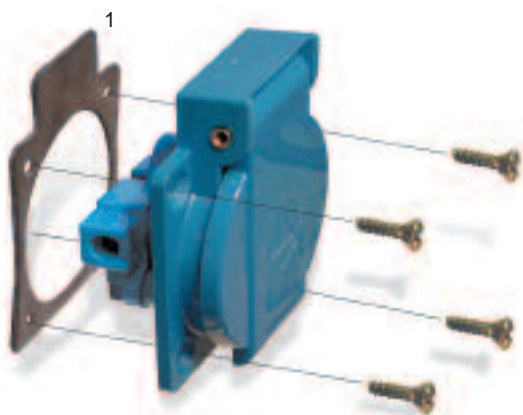|	PANEL MOUNT	WALL MOUNT	DIN RAIL MOUNT
External Dimension (HxWxL mm)	36.5 x 61.5 x 50	50 x 71 x 53.5	58.5 x 84 x 53.5
Stripping Length	10 mm	10 mm	10 mm
Insulation Material	Thermoplastic	Thermoplastic	Thermoplastic
Type of Connection	3 screw clamps	3 screw clamps	3 screw clamps
Approvals*	c(UL)us	c(UL)us	c(UL)us
Voltage Rating	125 V	125 V	125 V
Current Rating	15 A	15 A	15 A

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Complete Kit:						
Blue	PMRBU	1	WMRBU	1	DMRBU	1
Gray	PMRGR	1	WMRGR	1	DMRGR	1
Black	PMRBA	1	WMRBA	1	DMRBA	1
Optional Accessory Sealing Gasket	SEALGASK	1	SEALGASK	1	SEALGASK	1

Altech

PANEL MOUNT

1
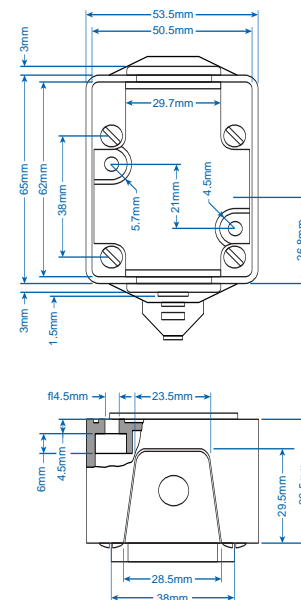
Wiring of Receptacles

WALL MOUNT

1

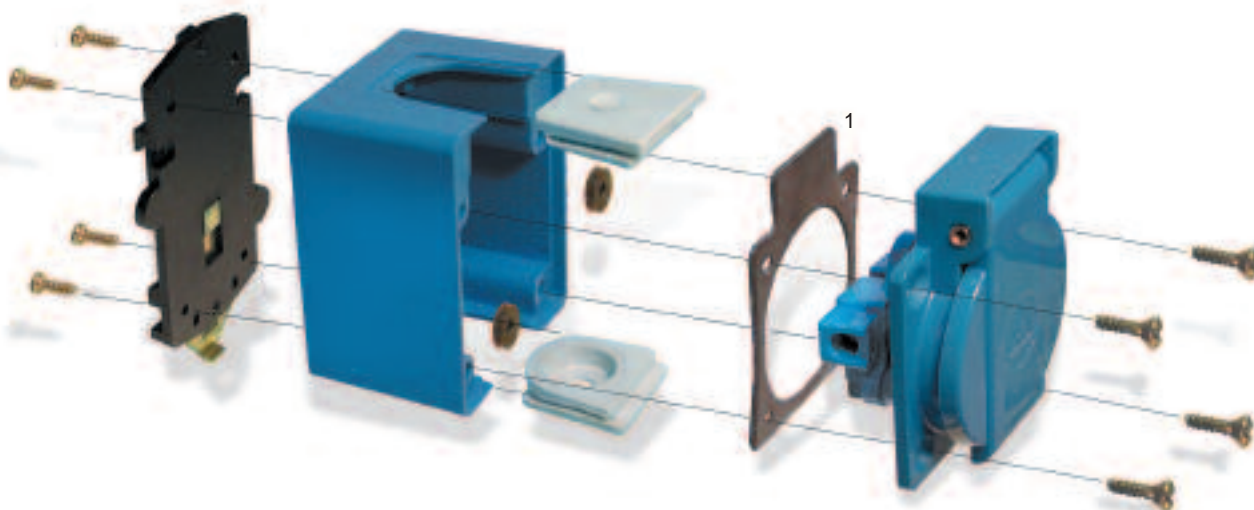**DIN RAIL MOUNT**

1
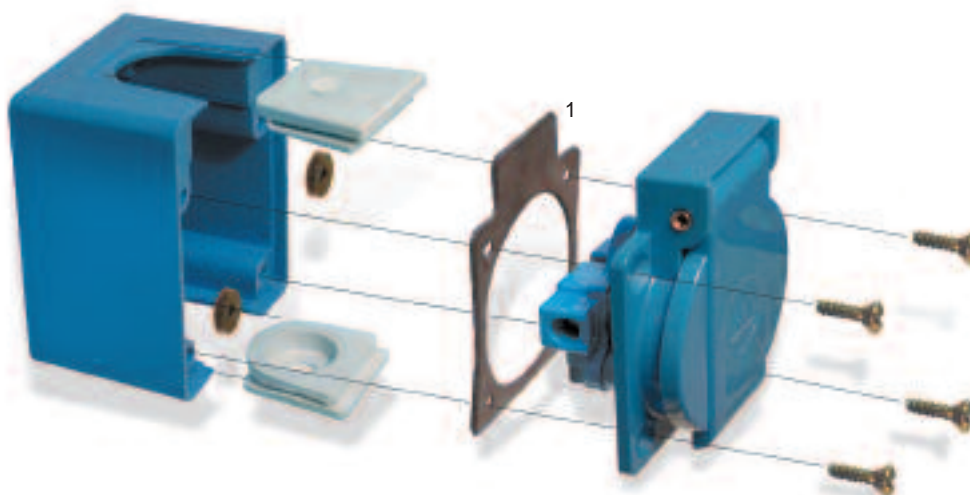
[1] **Optional Sealing Gasket for wet environments.**