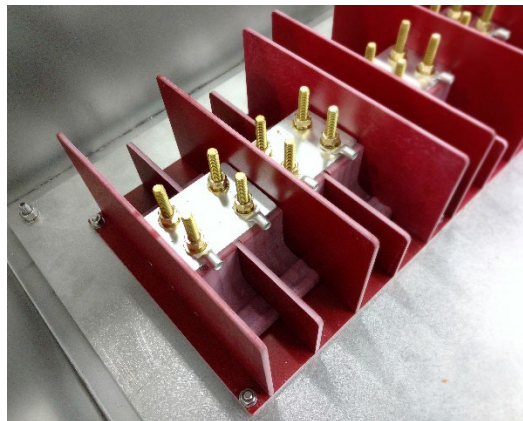


# MV Terminal

8.8kV

Abtech's medium voltage terminal is a component certified device that simplifies the connection of 2.2 to 8.8kV electrical supplies. It can be used with any ATEX or IECEx Zone 1 certified enclosure.



- Available in three, four, six and eight-way configurations
- Can be linked in pairs or multiples
- Suitable for high operating temperature applications up to 130°C

## Terminal Data

Product Reference (TATE...)	Width (mm)		Height (mm)		Depth Z (mm)	Maximum Voltage (kV)*	Maximum Current (A)	Maximum Conductor Size (mm <sup>2</sup> )	Maximum Ways	Weight (kg)
	X	X(M)	Y	Y(M)						
MV3	168	153	220	200	102	4.4	250	240	3	1.8
MV4	212	197	220	200	102	4.4	250	240	4	2.4
MV6	300	285	220	200	102	4.4	250	240	6	3.7
MV8	388	373	220	200	102	4.4	250	240	8	4.9
MV3T	168	153	220	200	114	6.6	250	240	3	1.9
MV4T	212	197	220	200	114	6.6	250	240	4	2.5
MV6T	300	285	220	200	114	6.6	250	240	6	3.8
MV8T	388	373	220	200	114	6.6	250	240	8	5.0
MVH3T	188	168	270	250	176	8.8	300 / 600	240	3	2.6
MHV4T	232	212	270	250	176	8.8	300 / 600	240	4	4.5
MHV6T	320	300	270	250	176	8.8	300 / 600	240	6	6.4
MHV8T	408	388	270	250	176	8.8	300 / 600	240	8	8.3

Note- Product partcode has TATE prefix i.e. TATEMV6

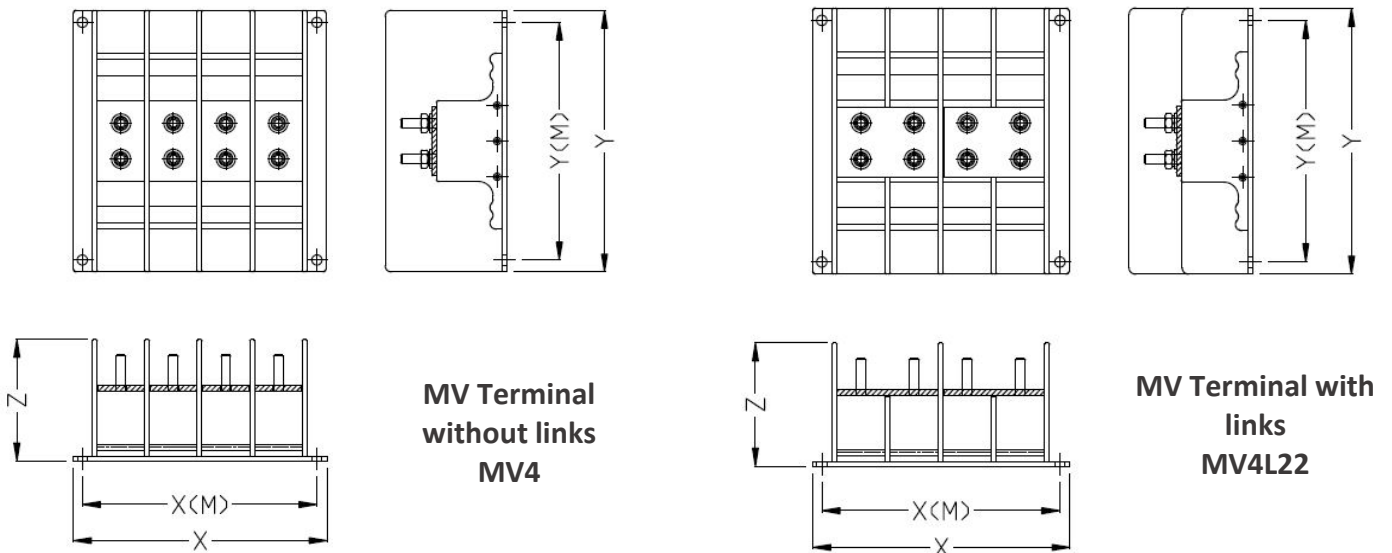
\* Dependant on conductor size and lug configuration.

MV Terminal					MVH Terminal			
Max Conductor Size (mm <sup>2</sup> )	Max Operating Voltage (kV)		Cable Lug Fixing Centres (mm)	Cable Lug Fixing Stud	Max Conductor Size (mm <sup>2</sup> )	Max Operating Voltage (kV)	Cable Lug Fixing Centres (mm)	Cable Lug Fixing Stud
	98mm Barriers	110mm Barriers (T)						
240	2.20	4.40	30	M8	240	8.80	44.5	M10
185	2.75	4.40						
150	3.52	5.50						
120	3.52	5.50						
95	3.52	5.50						
>70	4.40	6.60						

## Standard Specifications

Product Type	Medium Voltage Terminal
Material	Plastic UTR Laminate GP03 grade 1494
Operating Temp Rating	-40°C to +130°C
Crimp Lugs	MV - M8 single or double hole, sizes 1.5mm <sup>2</sup> up to 240mm <sup>2</sup> (M10 & M12 options) MVH - M10 single or double hole, sizes 1.5mm <sup>2</sup> up to 240mm <sup>2</sup> (M8 & M12 options)
Mounting	4 x M8 clearance holes
Link Bars	Tinned copper
<b>Certification</b>	
Area Classification	Zone 1 & 21 component certificate
Type of Protection	Ex e (Increased Safety)
Apparatus Coding	Ex eb IIC Gb
Certificate Number	ATEX: CML 15ATEX3096U / IECEx: CML 15.0051U / UKCA: CML 23UKEX3297U

## General Arrangement



## Options

Lxx	Linking: 1st x = link type (pairs, triple) 2nd x = Quantity of links required
6A	MVH - 600A Current rating
TC	Transparent Acrylic Cover
M <sub>xx</sub> (specify size)	Alternative crimp lug fixing stud size as required i.e. M8, M10 or M12

Add the required suffix to the product reference.

Example: TATEMV6TL23M10 – 6 way 6.6kV max terminal block linked in pairs, three links, M10 Lug fixing stud.

TATEMVH4L226AM12 – 4 way 8.8kV max terminal block linked in pairs, two links, 600A, M12 Crimp lug fixing stud.