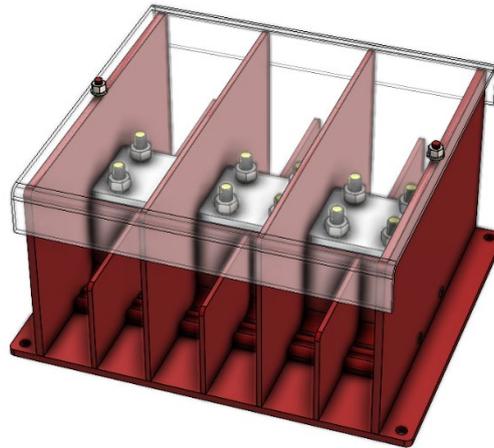


MVH Terminal

8.8kV

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



- Available in three, four, six, eight and nine-way configurations
- Can be linked in pairs or multiples
- Suitable for high operating temperature applications up to 130°C
- The MVH range comes with a transparent acrylic cover

Terminal Data

Product Reference (TATE...)	Width (mm)		Height (mm)		Depth (mm)		Maximum Voltage (kV)*	Maximum Current (A)	Maximum Ways	Weight (kg)
	X	X(M)	Y	Y(M)	Z	Z(M)				
MVH3/300A	188	168	270	250	176	4	8.8	300	3	2.6
MVH3/600A	188	168	270	250	176	4	8.8	600	3	2.6
MVH4/300A	232	212	270	250	176	4	8.8	300	4	4.5
MVH4/600A	232	212	270	250	176	4	8.8	600	4	4.5
MVH6/300A	320	300	270	250	176	4	8.8	300	6	6.4
MVH6/600A	320	300	270	250	176	4	8.8	600	6	6.4
MVH8/300A	408	388	270	250	176	4	8.8	300	8	8.3
MVH8/600A	408	388	270	250	176	4	8.8	600	8	8.3
MVH9/300A	452	437	270	250	178	6	8.8	300	9	10.2
MVH9/600A	452	437	270	250	178	6	8.8	600	9	10.2

Note- Product part code has TATE prefix i.e. TATEMVH6

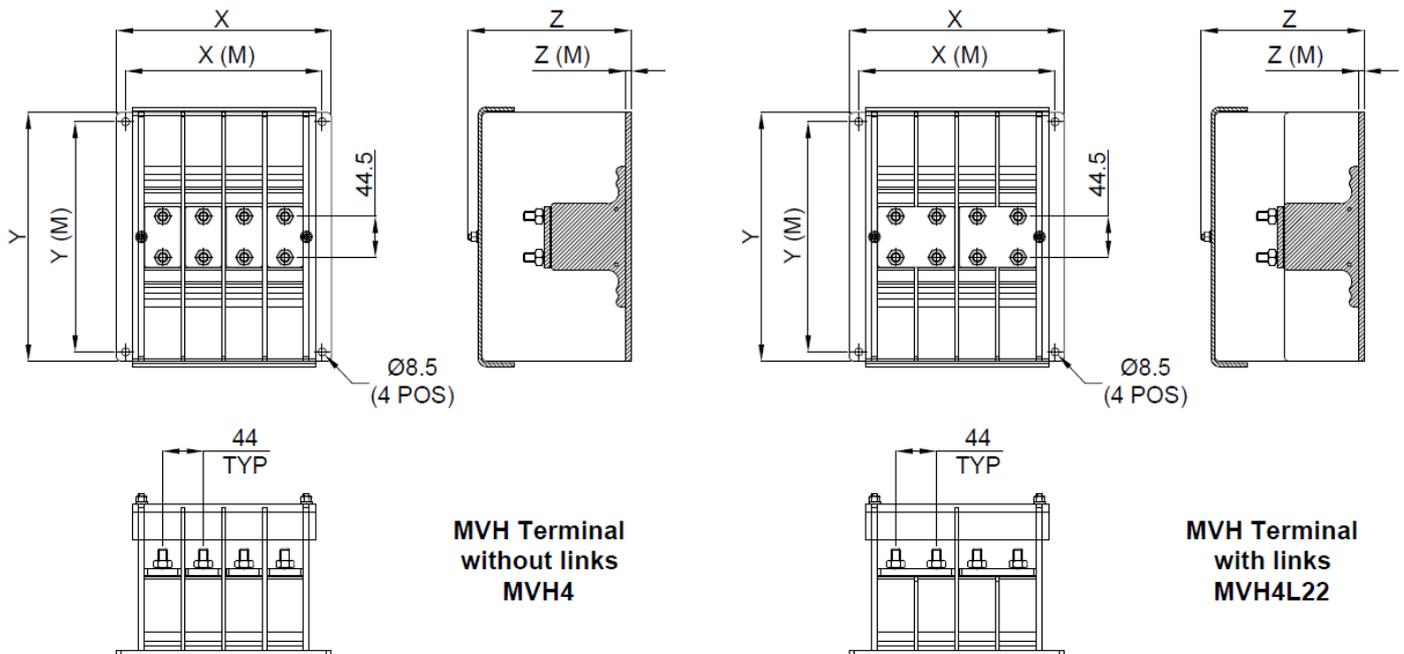
*Max AC/DC voltage dependant on conductor size and lug configuration

Standard Specifications

Product Type	Medium Voltage Terminal
Material	Plastic UTR Laminate
Operating Temp Rating	-40°C to +130°C
Crimp Lugs	MV – M10 single or double hole, sizes 1.5mm ² up to 240mm ² (M8 & M12 options)
Mounting	4 x M8 clearance holes
Link Bars	Tinned copper
Certification	
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

Max Conductor Size (mm ²)	Max Operating Voltage AC/DC (kV)	Cable Lug Fixing Centres (mm)	Cable Lug Fixing Stud
240	8.80	44.5	M10

General Arrangement



Options

Lxx	Linking: 1st x = link type (pairs, triple) 2nd x = Quantity of links required
M _{xx} (specify size)	Alternative crimp lug fixing stud size as required i.e. M8 or M12

Add the required option code to the product reference.

Example: TATEMVH6L23M8/300A – 6 way 8.8kV, 300A max terminal block linked in pairs, three links, M8 Lug fixing stud.

Enclosure Requirements

The MVH terminal must be fitted in a suitable Abtech enclosure.

The MVH terminal is fully compatible with our SX Range stainless steel enclosures, provided they have a depth of 200mm or greater to meet the clearance requirements for safe and proper installation.