



A NEXT GENERATION POINT MACHINE

Switchguard M23A Mk3 Point Machine



Rely on the M23A Mk3 point machine to keep your railway running smoothly and your maintenance budget low.

Dependable and Robust

Siemens M23A Mk3 is the next generation, AREMA compliant, M series internally locked point machine. It uses the same proven locking and final drive mechanisms as the earlier machines, but offers much reduced MTTR figures and trackside maintenance. Its robust make provides reliable service on suburban, mainline, heavy haul and in-yard applications, even on non-ideal track.

Faster Maintenance, Easier Installation and Access

Now better than ever—The M23A Mk3 comes with enhanced detection and locking features that provide less downtime and faster repairs. Installation is a breeze, making it easier to get your point machine up and running. When it comes to accessing the machine for maintenance, it's a breeze too. Say goodbye to complex procedures and hello to a smoother and more efficient experience.



SIEMENS

Datasheet TP00060

Description

Siemens M23A Mk3 is a versatile machine that can be mounted conventionally on concrete, steel or timber bearers. It is also often mounted on hollow steel bearers to allow machine tamping of the turnout without disassembly.

Siemens M23A Mk3 utilises the same external connections and mounting positions as the earlier models of the Siemens M series point machines. It can therefore be a direct replacement for existing machines.

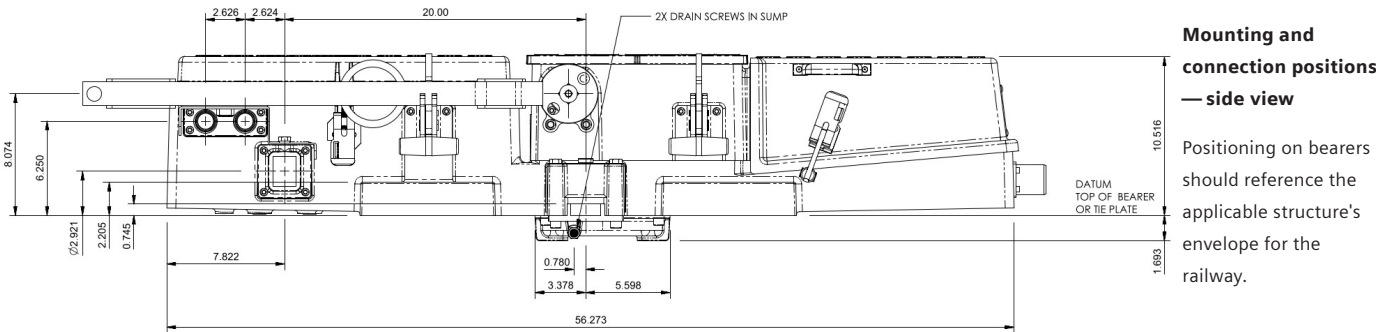
The M23A Mk3 point machine has a choice of dc voltages and types

(including ac immune motors) that, combined with one of two gear ratios (189:1 and 360:1), are selected for point power and speed.

General Specifications

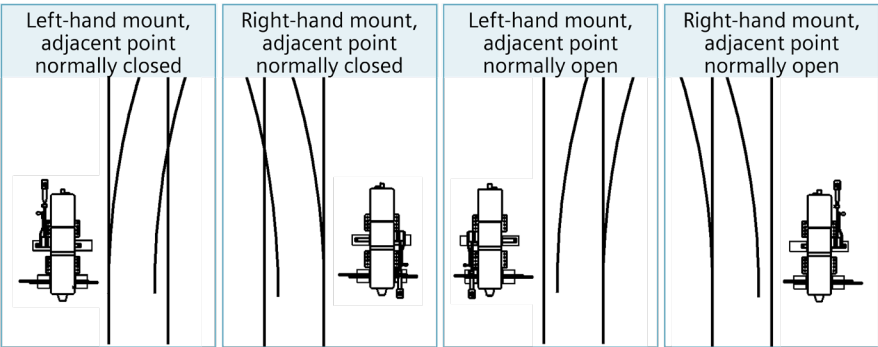
Factory clutch setting: Mid Stroke	780 lbf operation, 1125 lbf slip	The factory and maximum clutch settings are measured mid-stroke
Maximum clutch setting	1575 lbf slip	
Stroke	6"	
Weight excluding bars	~ 550 lbs	
Dimensions	See below Outer dimensions of shipping crate: 75.2" x 39.75" x 27.55"	
Environmental	Suitable in 14 °F to 158 °F environments	
IP rating	IP55	

Dimensions



Configuration

You can easily reconfigure the "normal" position of the blades (switches) to suit your turnout. This is accomplished by quickly repositioning the handles and lever stands without any internal dismantling of the gearbox (see examples to the right). Time to convert is approximately 15 minutes.



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