

Sinorix® Engineered Fire Suppression Systems

Abort Station, Manual Release Station & Main / Reserve Selector Switch
Models AW-1, MH-501 and CPY- MRS

ARCHITECT AND ENGINEER SPECIFICATIONS



Abort Station
(AW-1)

- Momentary contact 'Dead-Man' switch
- Large mushroom button
- Manually prevents Sinorix™ system discharge
- ®UL Listed, CSFM (#7165-0067:35:0035) Approved {for use with System 3™}



Manual Release Station
(MH-501)

- Double action with positive motion
- Fail / Safe reset
- Latch action until reset
- ®UL Listed, CSFM (#7165-0067:35) & NYC Fire Department Approved



Main / Reserve Selector Switch
(CPY- MRS)

- Allows immediate activation of a connected reserve system
- Provides uninterrupted protection after system discharge

Product Overviews

Abort Station

The Sinorix Abort Station (Model AW-1) is designed for use with Siemens Industry, Inc. – Fire Safety detection systems, which are listed and approved for release of Sinorix Engineered Fire-Suppression Systems.

Model AW-1 employs a momentary, normally closed contact 'dead-man-type,' push-button switch, which – while held in – prevents discharge of the clean agent.

Upon release of the push button, the Sinorix Engineered Fire-Suppression System will follow the sequence of events as programmed in the releasing panel, ultimately resulting in the release of the Sinorix agent.

Model AW-1 consists of a momentary contact switch with a large red "mushroom" head for ease of operation, and is mounted on a steel plate. Screw-type terminals are provided for connection to the agent-release circuit. The entire assembly mounts on a standard 2-1/2" (6.4 cm.) deep, two-gang electrical box.

The Abort Station (Model AW-1) is ®UL Listed for use with fire-suppression systems.

Note: For **Canadian** applications, Model AW-3B, whose faceplate is only available in **blue**, is used as the Abort Station.

[Abort Station, Pull Station & Main / Reserve Selector Switch] **Sinorix® 6632**

Product Overviews — (continued)

Manual Release Station

The Manual Release Station (Model MH-501) is a double-action station that contains one (1) normally open contact. Model MH-501 is intended for use with Siemens – Fire Safety low-voltage systems, but has a rating of 120VAC for connection to other systems.

The Model MH-501 Manual Releasing Station is constructed of durable, molded polycarbonate material, matte-finished in **red** with raised lettering in white.

The housing incorporates a ‘push-in’ tab, which must be initially operated, permitting access to the ‘pull-down’ lever. When operated, the lever – in turn – locks in position after releasing a spring-loaded contact switch.

Restoring the system to *Normal* can only be accomplished by opening the cover of the hinged housing with the reset key, and then closing and locking the cover.

Model MH-501 is constructed with a molded housing, fitted with a ‘pull-down’ lever and a ‘push-in’ tab.

Since the Manual Release Station is ‘dual-action’ type, it is necessary to initially operate the ‘push-in’ tab to provide access to the ‘pull-down’ lever. When operated, the ‘pull-down’ lever locks in position after releasing a spring-loaded contact switch to engage actuation of the release circuit.

The body of the control is hinged to a back-plate assembly to which it is locked with a socket-head screw. Resetting the control after operation shall require opening the control momentarily, and then locking the body to the back plate. Provision is made for surface or semi-flush mounting to conduit boxes.

Note: For **Canadian** applications, Model MSM-RB, whose faceplate is only available in **yellow**, is used as the Manual Release Station.

Main / Reserve Selector Switch

The Main / Reserve Selector Switch is a means for transferring the electrical supply from the main cylinder to the reserve cylinder. The switch is mounted on a steel cover plate.

Screw-type terminals are provided. The entire assembly is capable of being mounted on a standard, 2-1/2" (6.4 cm.) deep, two-gang electrical box.

Details for Ordering

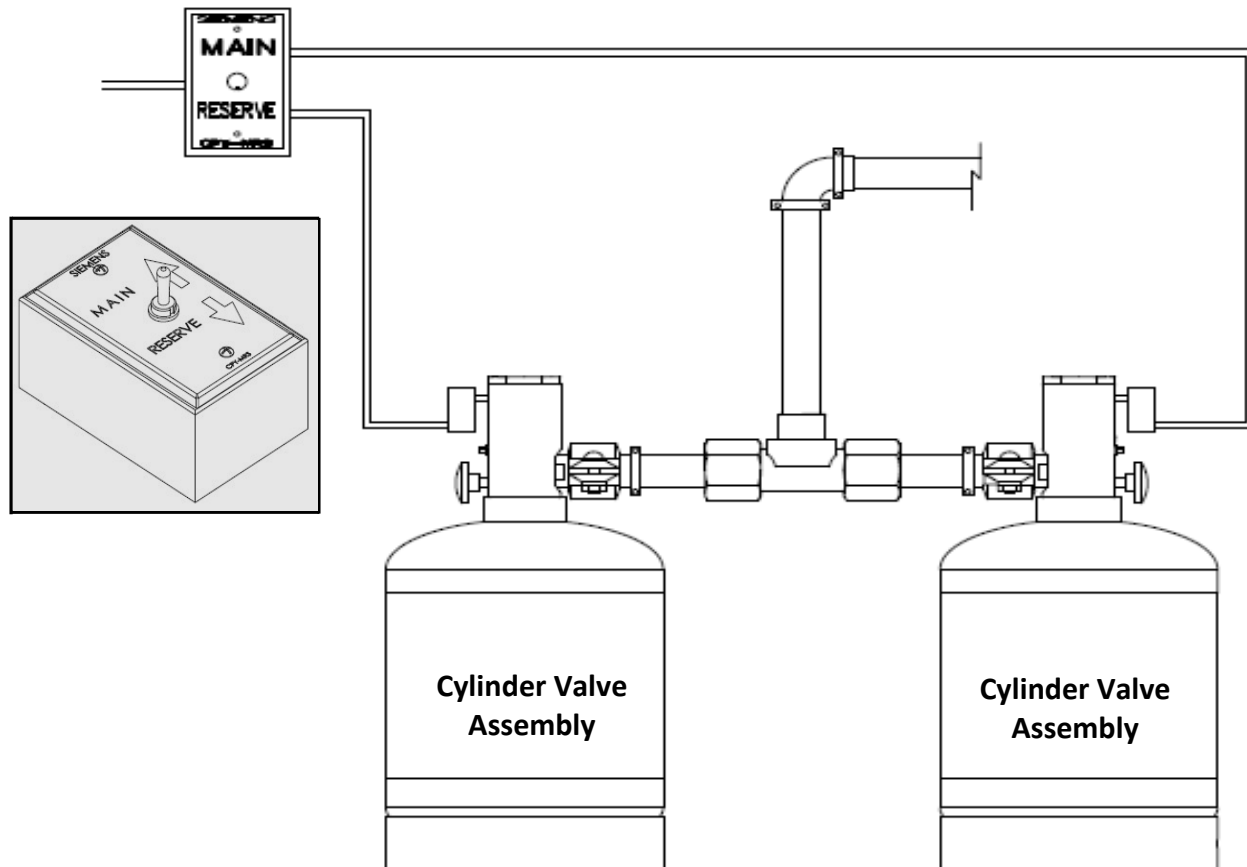
Model	Part Number	Description	Rating
AW-1	500-822500	Abort Station Momentary Contact, Single Pole N.C.	1 Amp 115VAC / VDC
CPY-MRS	500-697964BG	Main Reserve Selector Switch	N/A
MH-501	500-622543	Manual Release Station	120VAC

In **Canada**, order:

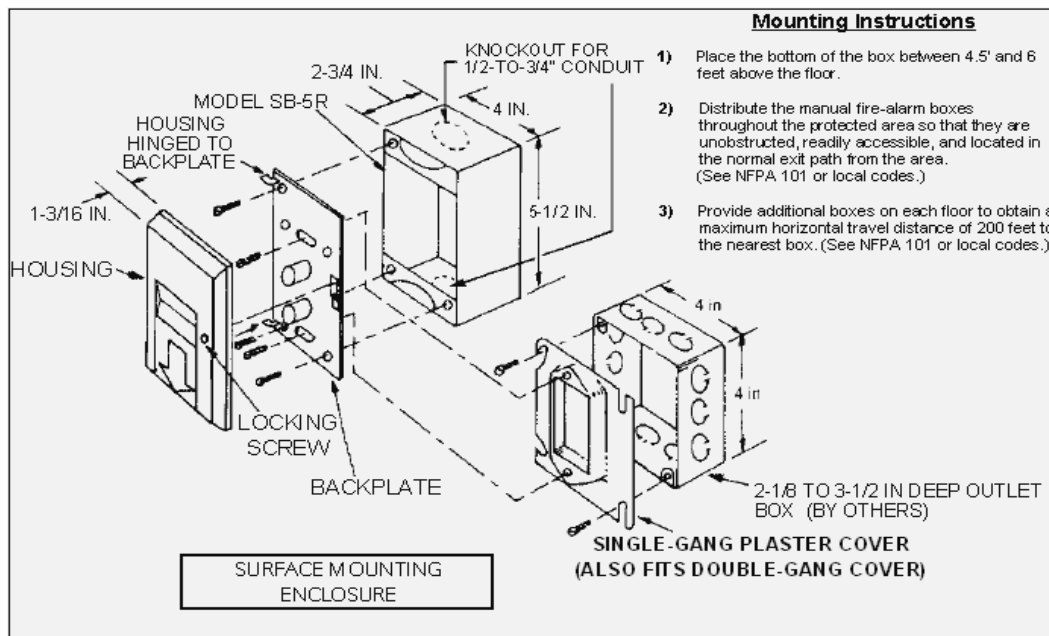
Model	Part Number	Description
AW-3 B	500-637038	Abort Station, Blue Momentary Contact, Single Pole N.C.
AW-3 B -WP	500-637039	Weatherproof Abort Station, Blue Momentary Contact, Single Pole N.C.
MSM-RB	500-637035	Manual Release Station, Yellow
MSM-RB-WP	500-637036	Weatherproof Manual Release Station, Yellow

Mounting Diagrams

— Main / Reserve Selector Switch —



— Manual Release Station —



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Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.