



high security locking

Introducing the HS100 and HS200 Series Locks from Adams Rite

A New Range Of Locking Products

The HS range of products have been specifically developed to meet the demands of physical attack, without compromising health and safety requirements. They have been manufactured to the highest technological standard and aesthetically designed to complement the modern workplace. We have incorporated the many operational options required to conform to current fire safety standards and DDA regulations and will continue with further development to provide a product range tailored to our customers needs. As with all Adams Rite products the High Security Locking range is supported by our experienced technical and customer service departments.

- Available as a single, 2 or 3 point lock
- 25mm bolt engagement
- External key entry facility and high security cylinder guard available
- Suitable for timber and steel doors
- Bolt or lock position monitoring available
- Optional aesthetic rod covers available for HS100 Series surface models
- HS110/HS120 and HS210/HS220 comply to BS EN 179:1998 and BS EN 1125:1997; CE Marked
- Independently tested to in excess of 1,000,000 cycles
- Fire tested to BS EN 1634-1



HS Range showing external lever handle and rim cylinder guard

HS100 Series Surface and HS200 Series Mortice Mount Locks



HS110 Paddle Handle version without rod covers

HS110/HS210 Emergency/Panic Escape Locks

These locks are for emergency/panic exit doors and give resistance to a greater physical attack threat to the outside of a door. Internal lever handle, paddle handle or panic bar available to suit operating requirements and to comply with the mandatory European standards BS EN 179 and BS EN 1125. Current standards and testing allow the HS110 and HS210 to be fitted to fire doors.

HS120/HS220 Emergency/Panic Escape Locks

The same specification as the HS110/HS210 but incorporating a special feature to hold the bolts in their retracted position under the control of a key cylinder. This function is activated by simply turning the key towards the door edge when the bolts have been withdrawn and this will keep the bolts retracted until you reinsert the key and turn it in the opposite rotation. Current standards do not allow the HS120 and HS220 to be fitted to fire doors, however, this may change in the future.

HS130/HS230 Specialised Function Locks

Designed to allow manual key deadlocking operation from the outside, if required, with a number of internal locking options. As standard, these locks have an automatic bolting function so that the bolts engage when the door is closed allowing you to lock the door from either side manually.

HS140/HS240 Specialised Function Locks

These locks have the same manual key deadlocking function as the HS130/HS230 but are provided with a manual bolting operation only.

HS150/HS160 and HS250/HS260 Specialised Function Locks

The **HS150/HS250** locks feature an automatic deadlocking function with automatic bolt throw. The **HS160/HS260** models have automatic deadlocking with manual bolt throw.



HS110 Lever Handle version with optional rod covers

Access Control and Specialised Function High Security Locks

HS170/HS270 Locks for use with Access Control Systems

The HS170/HS270 models have been incorporated into the range to provide locks for use with specialised access control requirements and are available in a number of configurations to meet most applications. As standard the locks have an automatic deadlocking function with automatic bolt throw. The solenoid actuator is available with 12, 24 or 50v DC operation and can be energised to lock (fail-safe if power supply is cut) or powered to unlock (fail-secure).

HS180/HS280 Specialised Function Locks

These models incorporate several functions within the one lock case. The lock can be operated from inside with either a push bar, paddle handle or lever handle with key override from outside. In addition to this you have the facility to either lock the bolts in their retracted position or, should you wish to do so, deadlock the bolts in their thrown position. The lock also features an override function from inside however please note when the double deadlock facility is engaged the override function is disabled. The user should be aware that this product does not conform to the mandatory standards BS EN 179 and 1125. We would strongly recommend that you consult with your local fire officer before installing this type of locking device.



Product Selector Matrix

To assist you with choosing the right lock for your application.

Application	Model Number	Suitable for Inward or Outward Opening Door	Single, Two or Three Point Lock	Panic/Emergency Exit	Emergency Exit with Key Controlled Holdback Facility	Automatic Bolt Throw	Manual Bolt Throw	Automatic Deadlocking	Manual Deadlocking	External Lever Option	Internal Lever Handle Option	Internal Paddle Handle Option	Internal Push Bar Option	External Key Option	Cylinder Protection	Internal Key Option	Internal Thumbturn	Internal Thumbturn and Break Dome	Bolt Position Monitoring	Lock Position Monitoring	Access Control Facility
Surface Mounted	HS110	X	X	X		X		X		O	●	●	●	O	O				O	O	O
	HS120	X	X		X	X		X		O	●	●	●	O	O				O	O	O
	HS130	X	X				X		X		●	●			●	●	●	●	O	O	
	HS140	X	X				X		X		●	●			●	●	●	●	O	O	
	HS150	X	X				X		X		●	●			●	●	●	●	O	O	
	HS160	X	X				X		X		●	●			●	●	●	●	O	O	
	HS170	X	X				X		X		●	●			●	●	●	●	O	O	X
	HS180	X	X		X		X		X	X	X	●	●	●	X	X	X			O	
Mortice Mounted	HS210	X	X	X		X		X		O	●	●	●	O	O				O	O	O
	HS220	X	X		X	X		X		O	●	●	●	O	O				O	O	O
	HS230	X	X				X		X		●	●			●	●	●	●	O	O	
	HS240	X	X				X		X		●	●			●	●	●	●	O	O	
	HS250	X	X				X		X		●	●			●	●	●	●	O	O	
	HS260	X	X				X		X		●	●			●	●	●	●	O	O	
	HS270	X	X				X		X		●	●			O	O	O	O	O	O	X
	HS280	X	X		X		X		X	X	X	●	●	●	X	X	X			O	

- X Standard feature
- O Optional feature
- Optional feature where at least one choice must be selected
- X Emergency exit facility, however, it does not comply to BS EN 1125/179.

open, closed, locked