



**M2M<sup>SUB</sup>**



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Substation doors specifically designed for utilities applications

revA



## M2M<sup>SUB</sup>

Bradbury's M2M<sup>SUB</sup> range provides an extensive series of substation doors, specifically designed with the utilities sector in mind. The range includes M2M<sup>1SUB</sup>, M2M<sup>2SUB</sup>, M2M<sup>3SUB</sup> and M2M<sup>4SUB</sup> doors, LPCB certified to LPS 1175 SR1 to SR4. For locations where security is not a notable issue, M2M<sup>+SUB</sup> doors are also available.

These doors are available as single or double outward opening doorsets, with a wide variety of panel and ventilation configurations. There is a range of features and options available, specifically developed to suit substations, including hinged or removable over panels, lift-off hinges, earthing points, padlockable shrouds, and a reinforced frame profile.

M2M<sup>SUB</sup> doorsets are also available with the added benefit of an FD240 fire rating, under the CERTIFIRE scheme.

### SUITABLE APPLICATIONS

Electrical substations

Utility housings

Store & bin rooms

Factories & warehouses

Pumping stations

Water treatment works

Re-locatable equipment buildings

Industrial units



Bradbury Security M2M<sup>1SUB</sup>  
LPS 1175: Issue 7  
Cert No. 312d  
Security Rating 1



Bradbury Security M2M<sup>2SUB</sup>  
LPS 1175: Issue 7  
Cert No. 312f  
Security Rating 2



Bradbury Security M2M<sup>3SUB</sup>  
LPS 1175: Issue 7  
Cert No. 312e  
Security Rating 3



Bradbury Security M2M<sup>4SUB</sup>  
LPS 1175: Issue 7  
Cert No. 312e  
Security Rating 4





## SCOPE

- Single, leaf and a half, and double doorsets.
- Range includes SR1 to SR4 certified doors, and uncertified doorsets.
- Optional FD240 fire rating available on certain doorsets, depending on specification.
- Flood defence doors available, either uncertified, or with SR2 to SR4 certification.
- Minimum and maximum sizes depend on door specification.
- Side and over panels available, including louvered panels, and hinged over panels.

## LOCKING

Full range of MICO Elite and Abryll single point locks, with a selection of external access options available on certified doorsets. Uncertified doors are available with a wide range of hardware options, to suit customer requirements. Heavy duty spring bolts or tower bolts are fitted to the passive leaf on double doorsets, depending on certification.

## STAYS & CLOSERS

A range of standard door closers and limit stays available.

## VISION PANELS

Wide selection of certified and uncertified vision panels. DDA compliant options are available.

## LOUVRES

Punched and bladed louver cartridges available in a range of sizes and configurations, in both certified and uncertified doorsets.

## FINISH

Doorsets are available primed or polyester powder coated in a wide range of colours and finishes. Bespoke options include high quality wood-grain and textured effects, as well as Extra Life paint guarantee, underwritten by Cromadex Akzo Nobel.

## INSTALLATION

With over 20 years' experience in the survey and installation of security products, Bradbury's team of accredited installation engineers provide a nationwide fitting service.



*External and internal view of a cable port*

Cable ports can be integrated into M2M<sup>+SUB</sup> doors to allow the passing of cables through the doorset.



*External and internal view of a louvered panel*

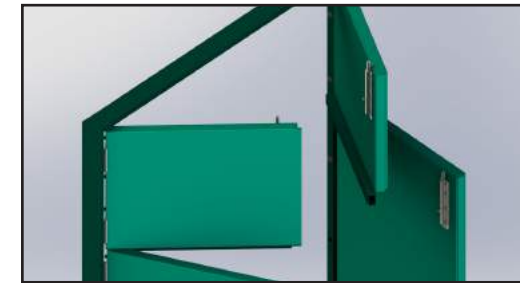
Louvered panels are LPCB certified to LPS 1175 SR3. An optional cable port can be integrated, as shown above.



*Padlockable lock cover*

Padlockable lock covers provide an increased visual and physical deterrent against lock damage and unauthorised access.

They can be applied to M2M<sup>+SUB</sup> doors, and are certified for use with M2M<sup>1SUB</sup>, M2M<sup>2SUB</sup> and M2M<sup>3SUB</sup> doorsets.



*Hinged over panels*

Hinged over panels can be independently opened and closed from inside to allow large objects such as plant machinery to move through the doorset.

They are certified by the LPCB for use with M2M<sup>3SUB</sup> doorsets.

## M2M<sup>1SUB</sup> M2M<sup>2SUB</sup> M2M<sup>3SUB</sup> M2M<sup>4SUB</sup>

M2M<sup>SUB</sup> doorsets are available with varying levels of security. M2M<sup>1SUB</sup>, M2M<sup>2SUB</sup>, M2M<sup>3SUB</sup> and M2M<sup>4SUB</sup> are LPCB certified to LPS 1175 SR1, SR2, SR3 and SR4, respectively. These doors are also available with optional CERTIFIRE accreditation to FD240, providing up to 240 minutes fire integrity, depending on specification (certification number CF5107).

## M2M<sup>+SUB</sup>

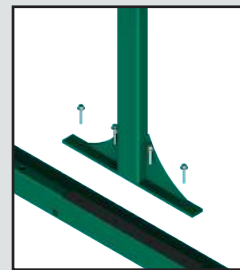
If LPCB certification is not required, M2M<sup>+SUB</sup> doors with no security rating are available. Optional CERTIFIRE accreditation to FD240 is also available with M2M<sup>+SUB</sup> doorsets; providing up to 240 minutes fire integrity, depending on specification (certification number CF5108).

## M2M<sup>FL</sup>

For locations at risk of flooding, the M2M<sup>FL</sup> range of flood defence doorsets has been successfully tested to PAS 1188-1:2014. Designed with the utilities sector in mind, these doors also have a variety of features and options available that are ideal for substation applications.

Combining flood resistance and security, M2M<sup>FL</sup> doorsets are available with optional LPCB certification from LPS 1175: Issue 7 SR2 to SR4. Doors are available with a wide range of ironmongery options, and louvres and vision panels can be integrated above flood level.

For more information on our flood defence doors, please contact the Bradbury sales team.



An optional access hatch (left) is available on certain M2M<sup>FL</sup> doorsets, to allow for ingress and egress during a flood scenario. Double doors are constructed with a removable centre mullion (right), to allow for transportation of large objects through the doorset.



Award-winning manufacturer of security doors, grilles, cages and bar sets.



**Bradbury has been supplying substation doors to the UK's leading utility providers for over 20 years. Designed to be installed at remote sites where vandalism is expected, M2M<sup>SUB</sup> doors are secure and have been engineered to last.**

Specifically designed to offer secure protection against unauthorised access, the M2M<sup>SUB</sup> range effectively provides protection for locations where vandalism and unlawful attempts at entry are anticipated.

Each M2M<sup>SUB</sup> door is bespoke engineered to order, with a variety of locking and ventilation options, and louvre configurations, and optional LPCB certification available to LPS 1175 SR1, SR2, SR3 and SR4.

All products are manufactured in our UK factories, based in Lincolnshire and Ayrshire, and delivered by Bradbury's distribution fleet to ensure the best value and highest quality, in the quickest possible lead time.

Peace of mind from the largest UK manufacturer of steel doors, grilles, cages and bar sets.

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