

item

Press Release

© item Industrietechnik und Maschinenbau GmbH
Friedenstrasse 107-109 D-42699 Solingen
Tel.: +49/ 212/ 65 80 300 Fax: +49/ 212/ 65 80 310
✉ info@item-international.com
www.item-international.com

Date of last save: Solingen, 05.07.2006
Number of pages: 2
Number of words: 505
Number of characters: 3.158

Pressekontakt: Nicole Grewer
Tel.: +49/ 212/ 65 80 322
✉ n.grewer@item-international.com

Close that door! – item's Integrated Door Lock secures Enclosure & Guard System Doors of all sizes

Enclosure and Guard constructions made of components from the item MB Building Kit System are an indispensable and integral part of protection systems for many industrial applications today. In order to secure the doors in these enclosure panels more effectively, there is now a new, integrated lock system which is based on a three-point locking system.

The door in an enclosure made of system components is normally made up of a panel element which is mounted firmly in a frame made of profile sections. Previously, two types of Locking System have been available for doors of this kind.

- Surface-mounted locks enable rod latches or combinations with bar-type locks to be fitted. The disadvantages here are, however, increased space requirements and the problem of tampering.
- Built-in locks mounted in the door frame, on the other hand, often require complex milling and shaping of the profiles and do not allow rod latches to be used.

The new design of Integrated Door Lock 8 from item is, however, perfectly matched for use in conjunction with the item Line 8 Profiles and combines the advantages of both locking mechanisms mentioned above: the optional rod latch is inserted into the hollow space in the Profile, which makes it secure and tamperproof, and the necessary machining of the Profile is limited to 3 easy-to-drill countersunk holes.

Furthermore, the integrated door lock can be designed to meet requirements. Either one or two rod latches can be combined with a rotating pawl latch which engages in the Profile Groove of the fixed Stand Profile. There is a choice of as many as 3 different locking elements! This versatility also makes it possible to lock doors of any height and width. The locking rods are then cut to the exact height of the door.

The lock is operated using a toggle-type handle which is also available as a lockable type. This handle is the only component in the mechanism that stands proud of the front of the enclosure & guard system. It is also possible to fit the lock in such a way that it can be operated from either side of the guard.

The new Line 8 Integrated Door Lock fits in perfectly with the modular philosophy of item's MB Building Kit System: a wide range of options leave space for individual solutions.



(Figure: 8-0295c4.tif)



(Figure: 8-0304c4.tif)



(Figure: 8-0300c4.tif)



(Figure: 8-0301c4.tif)