

## ICT DIN Rail 1 x 2 Enclosure

ICT's range of DIN rail enclosures combine simplicity and robust design to provide a flexible installation solution that is effortless to mount and maintain.

The lockable multi-tier enclosure is ideal for multiple mounting configurations, and features two full sized product bays. The 1 x 2 DIN rail enclosure not only looks great, it also enables you to get the most out of your Protege DIN rail hardware.



### Feature Highlights

- > Rail included
- > Removable door
- > Internal cover panel
- > Space for finger trunking or cable tie wiring
- > Wide range of cable knockouts
- > Optional wiring accessories for plug and play module installation, high voltage wiring
- > Keyway holes for simple mounting
- > Ventilation holes to ensure adequate air flow and avoid overheating.

### Robust Design

Made with powder coated 1mm steel, the enclosure is structurally robust. The enclosure is rated to IP50, where temperatures are expected to vary between -10°C and +40°C (14°F and 104°F), with an average relative humidity of approximately 75 % (non-condensing).

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## Easy Access and Maintenance

The enclosure has a removable door and removable cover panel for fast, simple mounting and maintenance. The cover panel protects wiring and provides a professional look to the installation, while still allowing easy access to the front panel LED indicators of the installed DIN rail modules.

You can also remove the lower rail to install a 7Ah battery.

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## Installation and Operation

Keyway holes on the back of the enclosure ensure simple surface mounting on an interior wall.

Ventilation holes allow for adequate air flow to prevent overheating.

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## Finger Trunking and Cable Tie Points

Space (25mm) is provided above and below DIN module locations for finger trunking or use of the cable tie points for secure, clean wiring. Multiple knockouts for trunking and field wiring are available in convenient locations on the cabinet body.

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## Electrical Connection

Includes a knockout for a standard panel mount IEC mains voltage connector.

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## Earth Connection

Bonding wire looms for earth connection to the enclosure and door are supplied.

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## Tamper Switch

The enclosure includes a tamper switch, used to send signals to the monitoring station or remote computer that the enclosure has been opened.

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## Included Accessories

The enclosure comes supplied with a cabinet accessory pack including:

- > Cam lock
  - > Tamper switch
  - > Tamper bracket
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## Optional Accessories

The enclosure may also be used with:

- > A Fused Panel Mount IEC C14 Socket to allow plug and play installation of power supply modules
- > A Quick Connect RS-485 Daisy Chain Cable loom for easy installation and connection of all DIN rail modules
- > A Mylar Blanking Panel (EN-DIN-MYLAR) to allow covering of unused product bays

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## Flexible Mounting Options

Featuring two full size product bays, the 1 x 2 enclosure is ideal for multiple mounting configurations with a mix of full size modules, half size modules and batteries.

Each product bay can mount:

- > One full sized DIN rail module (e.g. Protege two door controller, 4A or 8A power supply, full sized expander modules), or
- > Two half sized DIN rail modules (e.g. Protege one door controller, 2A power supply, half sized expander modules), or
- > One 7Ah battery (bottom row only)

## Technical Specifications

The following specifications are important and vital to the correct operation of this product. Failure to adhere to the specifications will result in any warranty or guarantee that was provided becoming null and void.

Ordering Information	
EN-DIN-12	DIN Rail Enclosure 1 x 2 Wall-Mount Metal Cabinet
Cable Entry	
Cable Knockouts	2 conduit cable knockouts 1 knockout for IEC mains voltage connector
Cable Tie Points	12 points for field wiring
Cables	Supports the Fused Panel Mount IEC C14 Socket and the Quick Connect RS-485 Daisy Chain Cable
Earthing	
Wire Looms	Bond wire looms included for earth connection to the enclosure
Accessories	
Tamper	Dedicated hardware tamper input
Lock	Cam lock
Environmental IP Rating	
IP Rating	IP50
Dimensions	
Finger Trunking Space	25mm
Dimensions (H x W x D)	400 x 280 x 102mm (15.7 x 11 x 4")
Net Weight	3.6kg (7.9lb)
Gross Weight	3.9kg (8.6lb)

Integrated Control Technology continually strives to increase the performance of its products. As a result these specifications may change without notice. We recommend consulting our website ([www.ict.co](http://www.ict.co)) for the latest documentation and product information.

## Regulatory Notices

For a full regulatory and approval list please visit the ICT website.

### **UL/cUL (Underwriters Laboratories)**

- > UL 294 for Access Control System Units
- > UL 1076 for Proprietary Burglar Alarm Units and Systems
- > UL 1610 for Central-Station Burglar-Alarm Units
- > UL 1635 for Digital Alarm Communicator System Units
- > ULC 1076 for Proprietary Burglar Alarm Units and Systems
- > ULC 60839-11-1 for Alarm and Electronic Security Systems
- > CAN/ULC-S304 for Signal Receiving Centre and Premise Burglar Alarm Control Units
- > CAN/ULC-S319 for Electronic Access Control Systems
- > CAN/ULC-S559 for Fire Signal Receiving Centres and Systems

### **CE – Compliance with European Union (EU)**

By design, the enclosures for all ICT products comply with the EN50131 standards. Tamper protection against removal of the cover as well as removal from mounting is provided by the tamper switch.

### **AS/NZS 2201.1 Class 5**

Protege systems conform to AS/NZS 2201.1:2007 Class 5 intruder alarm systems standards for the construction, operation, performance and installation of intruder alarm equipment and systems installed in clients' premises.

Designers & manufacturers of integrated electronic access control, security and automation products.  
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