

## ICT DIN Rail 1 x 1 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 a large 1.5 full size product bay on top and one full size product bay below. The 1 x 1 enclosure not only looks great, but 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 are to allow adequate air flow and to 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 with an average relative humidity of approximately 75 % (non-condensing).

### 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 DIN Rail modules installed.

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

### Flexible Mounting Options

Featuring a large 1.5x full size product bay on top and one full size product bay below, the enclosure is ideal for multiple mounting configurations:

- > Full size controller or expander module, 2A power supply and battery\*
- > Single Door Controller, 4A or 8A power supply and battery \*
- > Single Door Controller and two expander modules

\*One product bay must be allocated for every 7Ah battery you want to fit.

### 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.

### 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.

### Electrical Connection

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

### Earth Connection

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

### 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.

### Included Accessories

The enclosure comes supplied with a cabinet accessory pack including:

- > Cam lock
- > Tamper switch
- > Tamper bracket

### Optional Accessories

The enclosure may also be used with:

- > A Fused Panel Mount IEC C14 Socket to allow plug and play installation of ICT's PRT-PSU-DIN modules
- > A Quick Connect RS485 Daisy Chain Cable loom for easy installation and connection of all DIN Rail modules

## Technical Specifications

<b>Cable Entry</b>	
Cable Knockouts	2 conduit cable knockouts 1 knockout for IEC mains voltage connector
Cable Tie Points	11 points for field wiring
Cables	Supports the Fused Panel Mount IEC C-14 Socket and the Quick Connect RS485 Daisy Chain Cable
<b>Earthing</b>	
Wire Looms	Bond wire looms included for earth connection to the enclosure
<b>Accessories</b>	
Tamper	Dedicated hardware tamper input
Lock	Cam lock
<b>Environmental IP Rating</b>	
IP Rating	IP50
<b>Dimensions</b>	
Finger Trunking Space	25mm
Dimensions (H x W x D)	400 x 280 x 102mm

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