



# Stand alone access control unit

Prox500 is a stylish and extremely compact combined reader and access control unit, ideally suited for adding the security benefits that electronic access control can offer to a single door, barrier or gate. The product requires no host PC or software to operate. Programming is achieved through the use of a master card, which is assigned on first use.

## Overview of Prox500

The product features an integral changeover relay with adjustable operating time together with an egress input. 3 LEDs provide positive feedback of programming and access status. Prox500 can also be used in a toggle mode making it suitable for the setting and unsetting of an intruder alarm.



### Features

- Compact design
- Standard Electrical Box Mounting
- Standard EM4100 Card Reader
- Adjustable Lock Strike Time
- Toggle Mode
- Egress Input
- Integral Changeover Relay
- Indication LEDs
- Fully Encapsulated Design

### Benefits

- Unobtrusive self-contained access control system
- Convenient to install. Engraved surround of the product gives a neat finish
- Operates with standard proximity cards. No need to replace existing card populations
- Select the time for which the door is to be released
- Changes the state of the relay each time a card is presented. **Can be used to set and unset an intruder alarm**
- Allows the connection of an exit button to allow the door to be opened
- Allows the direct connection of a door lock. No additional interface equipment is required
- Provides unambiguous feedback of programming and access status
- Offers a high degree of water and dust ingress protection making it suitable for external mounting

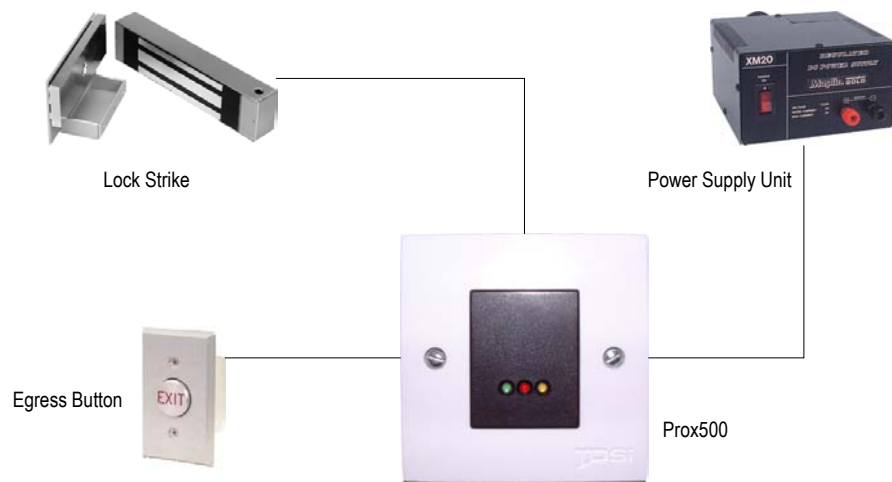
# Prox500



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## Technical Data

<b>Dimensions</b>	85 x 85 x 37 mm
<b>Weight</b>	110 g
<b>Operating environment</b>	-20 °C to +60 °C.
<b>Power supply</b>	10.2 to 13.6 VDC, 10 to 12 VAC, 110 mA maximum
<b>Cards</b>	500
<b>Doors</b>	1
<b>Reader</b>	Integral
<b>Card Technology</b>	EM4x01 family, HiTag2 Public Mode A, TEMIC e5550 and compatible types
<b>Operating frequency</b>	125 kHz
<b>LEDs</b>	3: red, amber and green
<b>Read Range</b>	<90 mm with ISO card, <50 mm with tag
<b>Inputs</b>	Egress for connection of exit switch
<b>Outputs</b>	1 changeover relay output (15 V, 2 A contact rating) for lock strike or connection to intruder panel.
<b>Ingress Protection Rating</b>	IP 65

## Ordering Information

<b>Part Number:</b>	<b>Product Description:</b>
5002-1581	Prox500 Stand alone Access Control Unit
4262-0245	ISO Proximity Card

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