The practical alternative to keys and cards

Vandal resistant, self-contained keypad and controller for electrically operated locks and strikes.

Authorised personnel can use their PIN code to open either one or two normally locked doors. Up to 50 different 4, 5 or 6 digit codes can be individually programmed. Each code can be set to trigger an electric lock or strike for a pre-set time (allowing just one person to access), or to ‘latch’ the door in an unlocked condition (requiring the code to be re-entered to ‘unlatch’ or re-lock the door).

If the StrikeMaster keypad is used to control a single door, the ‘forced door alarm’, ‘anti-tamper alarm’ and ‘duress alarm’ features can be enabled.

Performance
Operational key life: >4 million cycles per key
Keytop Travel: 1.4mm nominal
Actuation Force: 150gms nominal
Connector: Screw terminals

Environmental
Operational temperature: -20ºC to +70ºC (dry)
Water and dust resistance: IP65

Electrical
Operating Voltage: 10-28V DC OR 9-24V AC
Operating Current: 300mA (max at 12V DC)

Material
Casing DE1K/DEPLX
Keytops: Chromed Zinc
Backplate: Steel (corrosion protected)
Contact Circuit: Gold on Nickel Plated FR4

Compliance
- EU RoHS
- EU Low Voltage Directive
- ESD: Up to +/- 15kV air discharge, +/- 7.5kV contact discharge
- WEEE Directive
- EMC-CE, FCC Part 15B Class B
- EN55022 Class B, EN60950, EN55024
- UL294

Up to 50 user programmable PIN codes
4, 5 or 6 digit PIN codes
Indexing permits the secure allocation and re-allocation of PIN codes
One or two door control
Tamper responsive alarm
PIN code entered under duress alarm
Forced door alarm
Timed release or latched door option for each PIN code
Fail (open) Fail (closed) option
Timed lock out for repeated invalid code input
Remote exit switch facility
Hidden PIN code feature
All weather resistant
LED and audible tone status indication
Requires 11 to 28V DC or 9 to 20V AC supply
Quick and easy to install
Two protection levels:
  i) – Vandal resistant keypad for unsupervised, public, outdoor locations
  ii) – Robust keypad for outdoor/indoor location

Keys (or cards) are often lost, stolen or copied; requiring locks to be changed and new keys issued.
The Storm AXS StrikeMaster, one or two door keypads, are ideally suited for access control in both outdoor and indoor locations. They are impact resistant and sealed against water and dust to IP65.

All Storm AXS Keypads incorporate proven Storm switching technology to ensure rapid, reliable and responsive data entry. Specified to survive in a variety of service environments, ranging from exposed, unsupervised public environments, to general service / indoor installations. Keypads in the StrikeMaster series are dimensionally interchangeable. This allows users, entering codes at both outdoor and indoor access points to establish and maintain familiarity with the keypad features. DE1K and DEPLX StrikeMaster Keypads can be configured for either two door control or one door control with alarm and door monitoring functions.

**Storm AXS-DE1K/DEPLX Keypad Connection Details**

1. Return – zero volts
2. Supply – Range 11 to 28 volts dc or 9 to 20 volts ac.
3. Door Release Relay – Relay output (normally open)
4. Common – Relay common
5. Door Release Relay – Relay output (normally closed)
6. Not used
7. Not used
8. Door/Call Bell – Open collector gate
9. Not used
10. Remote Switch – To open door from within secure area

**Part Numbers**

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Part Numbers</th>
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<tbody>
<tr>
<td>PIN Privacy Shield</td>
<td>DE1KT10, DEPLXT20</td>
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<tr>
<td>1KF5020</td>
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Specified for use with these Storm AXS products:

- Storm-AXS Power supply
- Storm-AXS Electro-magnetic door locks
- Storm-AXS Emergency override switch (break glass)
- Storm-AXS Request to exit switch (touch free)

**For more information & to order:**

www.storm-interface.com

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