Storm Interface AXS Strike Master
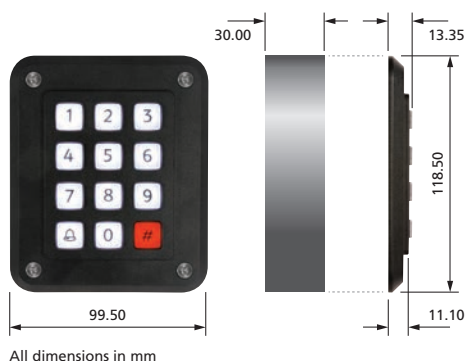### Secured, sealed and toughened data entry devices

AXS-DR2/DR2i
SERIES

The practical alternative to keys

The Storm AXS-DR2 keypad is a self contained single door access control system. The keypad will recognise up to 50 user programmed entry codes to allow access through a locked door.

Entering an authorised code will energise an electrically operated lock. 4, 5 or 6 Digit codes can be programmed to release the lock for a limited time before it automatically re-locks. Alternatively, codes can be programmed to permanently release the lock until an authorised code is re-entered to re-lock. The AXS-DR2 is easily installed to any rigid surface, providing a convenient and practical alternative to the issuance of mechanical keys or key cards.

Storm AXS-DR2 keypads are rated for continuous use in outdoor or indoor locations. They are impact resistant and sealed against the ingress of water and dust. For dark or partially lit locations the AXS-DR2i keypad includes integral keytop illumination.

Dimensions

30.00
13.35
118.50
11.10
99.50

All dimensions in mm

- Up to 50 user programmable entry codes
- Entry code indexing for secure allocation and re-allocation of entry codes
- 4, 5 or 6 digit entry codes
- Timed release or latching operation
- Timed lock out for "code hacker" resistance
- Remote exit switch facility
- Weather resistant to IP65
- Hidden entry code feature
- Optional privacy shield

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

Environmental
Operational temperature:	-20°C to +70°C (dry)
Water and dust resistance:	IP65 (when fixed to a suitable enclosure)

Electrical
Operating Voltage	12V DC +/- 10% (max)
Operating Current	300mA (max at 12V DC)

Material
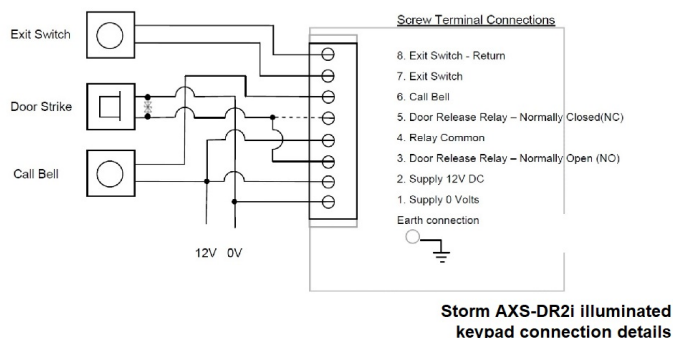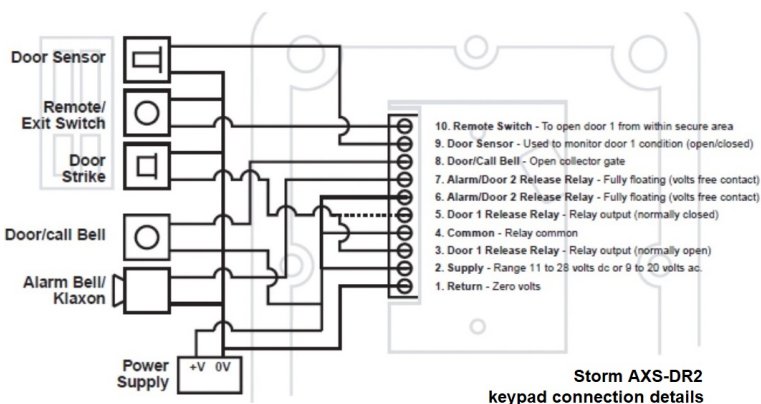|	
Casing	High Impact Polymer (black)
Keytops	High Impact Polymer (white or translucent)
Backplate	Steel (corrosion protected)
Contact Circuit	Gold on Nickel Plated FR4

Compliance
This device is designed to meet:
- 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
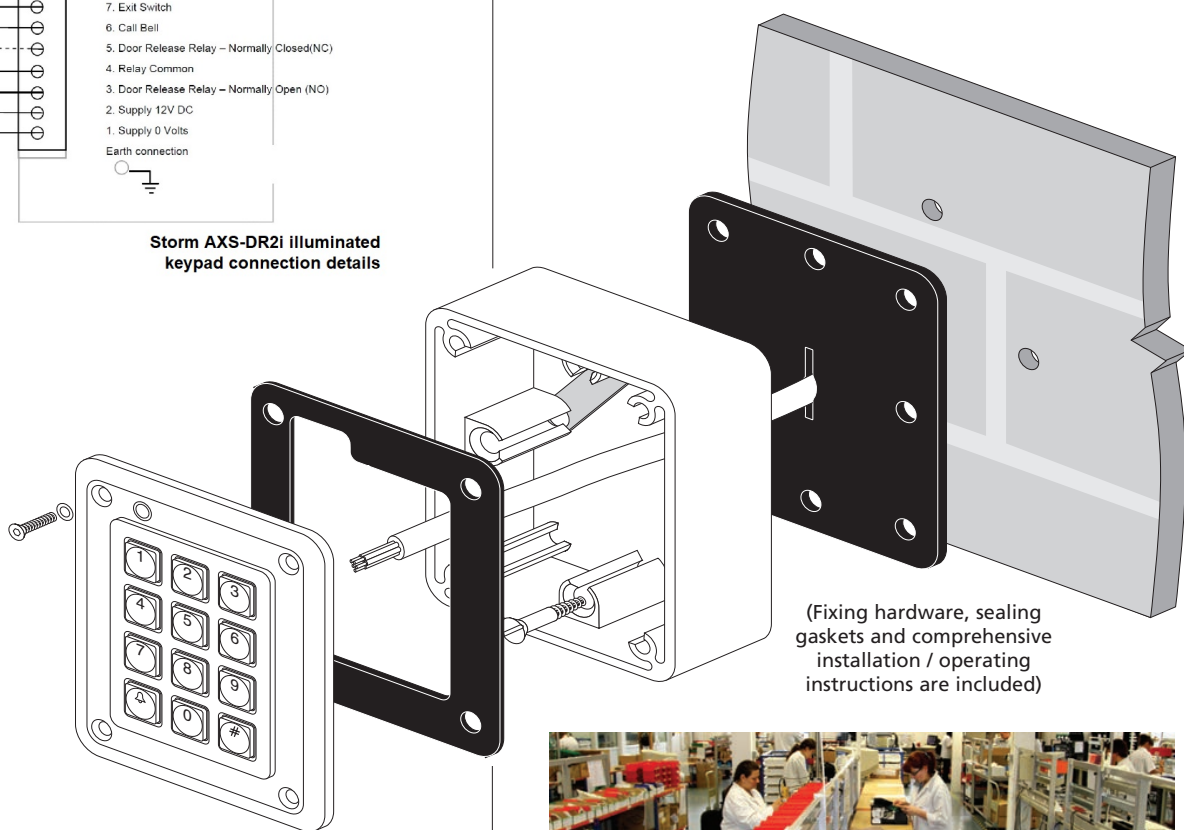- EN55022 Class B, EN60950, EN55024

The Storm AXS StrikeMaster, Single Door Keypad, is ideally suited for access control in outdoor and indoor locations. It is 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 **Storm AXS** range are dimensionally and electrically interchangeable. This allows users, entering codes at both outdoor and indoor access points to establish and maintain familiarity with the keypad features. Applications requiring two door control or alarm and door monitoring functions require the **Storm AXS StrikeMaster** DE Keypads.
Specified for use with these Storm AXS products: DEPS030, DEL600, DEL1200, DEGL1200, DEEM010, DEEX010

Door Sensor
Remote/ Exit Switch
Door Strike
Door/call Bell
Alarm Bell/ Klaxon
Power Supply   +V 0V

10. Remote Switch - To open door 1 from within secure area
9. Door Sensor - Used to monitor door 1 condition (open/closed)
8. Door/Call Bell - Open collector gate
7. Alarm/Door 2 Release Relay - Fully floating (volts free contact)
6. Alarm/Door 2 Release Relay - Fully floating (volts free contact)
5. Door 1 Release Relay - Relay output (normally closed)
4. Common - Relay common
3. Door 1 Release Relay - Relay output (normally open)
2. Supply - Range 11 to 28 volts dc or 9 to 20 volts ac.
1. Return - Zero volts

Storm AXS-DR2 keypad connection details

Exit Switch
Door Strike
Call Bell
12V 0V

Screw Terminal Connections
8. Exit Switch - Return
7. Exit Switch
6. Call Bell
5. Door Release Relay – Normally Closed(NC)
4. Relay Common
3. Door Release Relay – Normally Open (NO)
2. Supply 12V DC
1. Supply 0 Volts
Earth connection

Storm AXS-DR2i illuminated keypad connection details

(Fixing hardware, sealing gaskets and comprehensive installation / operating instructions are included)

Scan code for a programming guide and detailed installation instructions or download the datasheet from:
http://www.storm-interface.com/downloads/?dlcat+Technical Documents

For more information & to order:
www.storm-interface.com

Part Numbers

AXS-DR2/DR2i		Accessories	
AXS-DR2 Access Control Keypad	DR2KT20	PIN Privacy Shield	1KFS020
AXS-DR2i Illuminated Access Control Keypad	DR2KW20		