

storm 6000 Series Keypads



Numeric data entry in exposed public environments

- Rugged, reliable and responsive data entry
- Vandal resistant (20J BS EN 60068-2-75: 1997)
- Weather resistant (IP65)
- Large buttons for clarity and ease of use
- Permanent, high contrast, laser engraved keytop graphics
- 4 row x 4 column matrix circuit format
- Suitable for use by those with mobility or sensory impairments
- Raised tactile symbols on coloured function keys
- Raised "home pip" on the "5" key
- Overall dimensions: 124.0 mm x 118.5 mm (excluding interface pod on rear face)



www.storm-interface.com

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6000 Series keypad for public environments



UK Keypad Layout

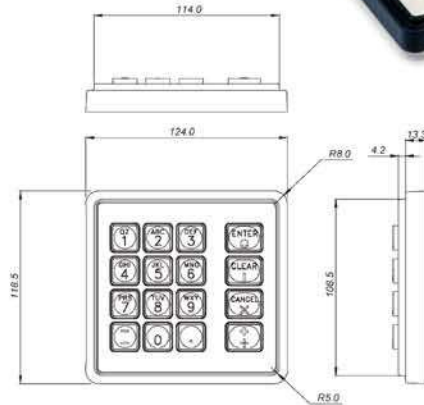
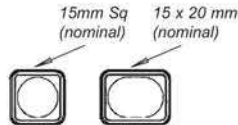


USA Keypad Layout

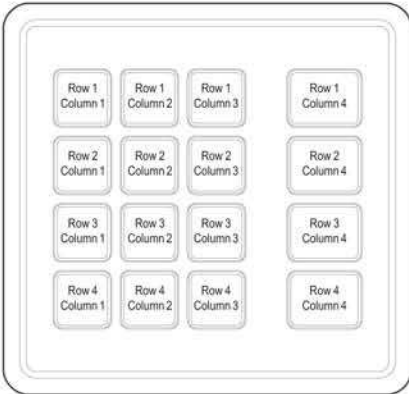


Function Key Colours

| | | | |
|--------|--------|-------|-------|
| CANCEL | Red | ? | Blue |
| CLEAR | Yellow | ENTER | Green |



Matrix Keypad Connections



Contact Matrix

| PINS | ROW / COLUMN |
|------|--------------|
| 1 | Not used |
| 2 | Tamper |
| 3 | R1 |
| 4 | R2 |
| 5 | C1 |
| 6 | C2 |
| 7 | C3 |
| 8 | C4 |
| 9 | R4 |
| 10 | R3 |
| 11 | NC |
| 12 | Tamper |
| 13 | Not used |

CONTACT CIRCUIT SPECIFICATION

| | |
|-----------------------|--------------|
| Contact | |
| Operating Voltage | 24V dc (max) |
| Operating Current | 50 mA (max) |
| Circuit Resistance | <500 Ohms |
| (when contact closed) | |

Contact Connections (viewed from rear of keypad)

| | |
|---------|---------------------------------|
| PINS | • • • • • • • • • • • • • • • • |
| PIN NO. | 13 12 11 10 9 8 7 6 5 4 3 2 1 |

Specifications

| | |
|---|--|
| Vandal Resistant | 20J BS EN 60068-2-75:1997 |
| Weather Resistant | IP65 |
| Large Buttons for clarity and ease of use | 15mm square |
| Function Key Buttons | 15mm x 20mm |
| Responsive key action | travel 1.5mm, actuation force 130gm |
| High contrast laser engraved graphics | designed to meet with current ADA and DDA recommendations |
| Raised tactile symbols on function keys | designed to meet with current ADA and DDA recommendations. |
| Panel Cutout | 109.5 x 115.0 x R 5mm corners (tols ± 0.2mm) |
| Operating Temp | -20°C to +60°C |
| Matrix Output | (Order cables separately) |

Meets CE and UL requirements for Product Safety
 Meets CE and FCC requirements for EMC
 Plug compatible with 420 Series RS232 Encoder
 Panel Mount Gasket included

| Stock No. | Item |
|---------------|--|
| 6000-21001[x] | Keypad 6000 Series 16 way Matrix Output, UK layout |
| 6000-21002[x] | Keypad 6000 Series 16 way Matrix Output, USA layout |

Accessories [x] denotes packaging variant

| Stock No. | Item |
|--------------|--|
| 6000-MK00[x] | Mounting Clips Underpanel for 6000 Series |
| 4200-00[x] | Encoder 420 Series, RS232, No Cable, Plug-in |

6000 Series Application/Engineering Manual – free download from www.keymat.com

Whilst every effort is made to ensure details are correct at time of print, specifications are subject to change without notice.



FM 39602



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