

storm 3000 Series Keypads



Responsive keypads for industrial use

- Reliable data entry in sheltered outdoor or indoor locations
- Weather, water and dust resistant (IP54)
- 4 key, 12 key and 16 key formats
- Raised "home pip" on the "5" key
- Simple 'row and column' circuit matrix, terminated by a male, gold-plated, square pin, 0.1" (2.54mm) pitch connector with locking ramp
- Can be fixed to a flat surface or under panel mounted for a flush, low profile installation



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Technical drawings of three different LED panel light models, showing dimensions in millimeters (mm).

Model 1 (Left): Dimensions include 19.00 mm (mounting hole), 25.00 mm (width), 42.50 mm (total width), 82.00 mm (inner width), 93.00 mm (total height), and 118.50 mm (total height).

Model 2 (Middle): Dimensions include 19.00 mm (mounting hole), 18.00 mm (hole spacing), 63.50 mm (inner width), 74.00 mm (total width), 99.50 mm (total width), 82.50 mm (inner height), 93.00 mm (total height), and 118.50 mm (total height).

Model 3 (Right): Dimensions include 19.00 mm (mounting hole), 18.00 mm (hole spacing), 82.50 mm (inner width), 93.00 mm (total width), 118.50 mm (total width), 82.50 mm (inner height), 93.00 mm (total height), and 118.50 mm (total height). A detail view shows a 10.50 mm depth and 2.5 mm thickness.

3K16T1 (Tel. Format)
3K1601 (Calc. Format)

[illegible]

Contact Bounce	5ms (max)
Contact Resistance	100 ohms (max)
Insulation Resistance	50 Mohms (min)
Breakdown Voltage	500V AC (max 60 secs.)
Operating Voltage	24V DC (max)
Operating Current	50mA (max)

Operational Life	2 million cycles (min) per key
Keytop Travel	1.4mm nominal
Actuation Force	180gms nominal
Connector	0.1" pitch, gold plated square pin, male connector

Water / Dust Sealed	IP54 (when mounted to suitable enclosure)
Operational Temperature	-10°C to +85°C (Dry)

Casing	General Service Polymer (mid grey)
Keytops	General Service Polymer (mid grey)
Keytop Legends	Engraved
Contact Circuit	Gold on Nickel plated FR4

Item	Stock No.	Notes
PC Interface	4200-00[x]	RS232
Rear Casing Provides space for additional components or circuitry (12 key formats only)	RC12020[x]	Supplied complete with fixing hardware, sealing gaskets and fixing instructions.
Blank Keytops set of four	1K0000[x]	Supplied without keytop graphics. Suitable for engraving.
Privacy Shield Provides PIN / Entry Code security	1KFS020[x]	Supplied complete with fixing hardware, sealing gaskets and fixing instructions. 12 key only.

CE

3000-LIT-01 Rev 4
Nov 2008



FM 39602

CONTACT MATRIX	
CONNEC. PIN	ROW/ COLUMN
1	common
2	D
3	C
4	B
5	A

CONTACT MATRIX	
CONNEX. PIN	ROW/ COLUMN
1	A
2	B
3	1
4	2
5	3
6	-
7	D
8	C

CONTACT MATRIX	
CONNEX. PIN	ROW/ COLUMN
1	A
2	B
3	1
4	2
5	3
6	4
7	D
8	C



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