

storm 2000 Series Keypads



Robust keypads for harsh industrial use

- *Rapid, responsive and reliable data entry in wet, dirty or extreme conditions*
- *Vandal resistant (20J BS EN 60068-2-75: 1997)*
- *Weather, water and dust resistant (IP65)*
- *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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www.storm-interface.com

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Overall Dimensions

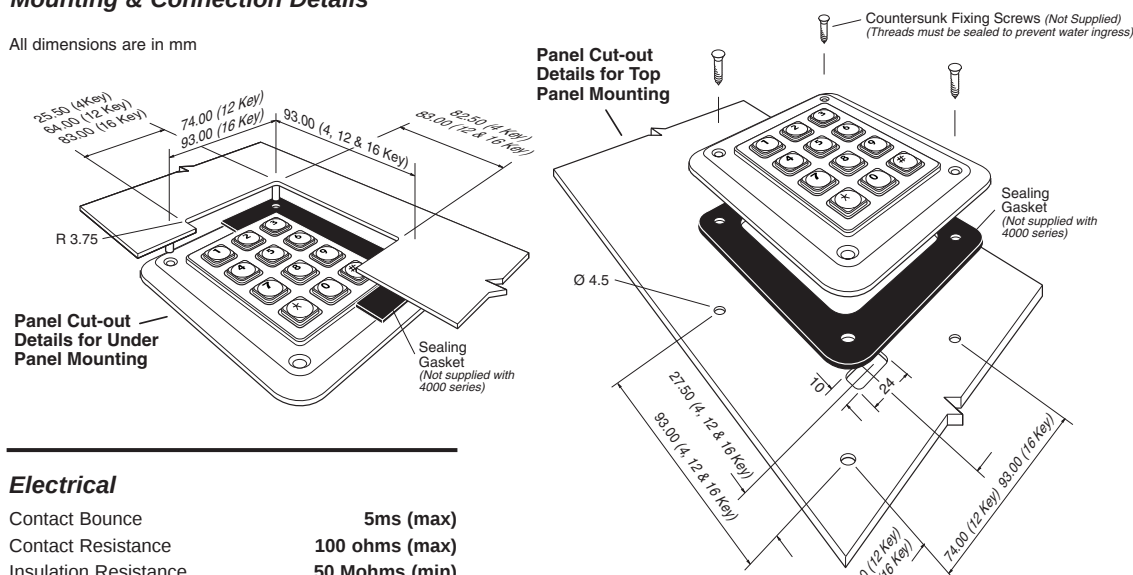
Part No.s
2K0421 (F1-F4)
2K0411 (← ↑ →)

2K12T1 (Tel. Format)
2K1201 (Calc. Format)

2K16T1 (Tel. Format)
2K1601 (Calc. Format)



All dimensions are in mm



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	4 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	IP65 (when mounted to suitable enclosure)
Operational Temperature	-25°C to +85°C (Dry)

Casing	Super High Impact Polymer (mid grey)
Keytops	Super High Impact Polymer (mid grey)
Keytop Legends	Engraved
Contact Circuit	Gold on Nickel plated FR4

Item	Stock No.	Notes
PC Interface	4200-000[x]	RS232
Rear Casing Providing 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.

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



Designed & produced by
NIK Design
www.nikdesign.co.uk

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