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Compatible PC Keyboard

ACPL make keyboard encoder make it easy to connect any combination (up to 144 keys) of key matrix to any make of IBM compatible PC, it can be easily replaced with the standard travel type keyboard.

These keyboards are ideal for use, in limited data entry application, the sealed surface is resistant against liquid, dust & many other material, used in the industry. Any PC keyboard code can be assigned to a key, also you can have your own custom legend for user friendly application.

These keyboards are available in 4 standard key combinations with & without touch mouse feature.

We can provide you custom made enclosure & size to meet your individual needs

107- T



107- NT



Mechanical Drawing



Size:

- **KeyBoard with Enclosure** : 460mm x 175mm
- **KeyBoard without Enclosure** : 410mm x 135mm

Optional Features :

- EMI/RFI shielding with Aluminum foil/ Conductive mesh.
- Ultra Violet, hard coated window.
- Display only when lit, window.
- SMD Components, such as LED's, Resistors, Capacitors and Multipin Ic's.
- Relegendable pockets for inserting customised legends.
- Embossing, Round Triangular, Square shapes possible.
- Phosphorescent Lightening.
- Gold plated PCB / Domes.

Excellent Features :

- Best for Industrial & Medical Environments.
- Attractive designed enclosure.
- Protected against liquids & dust (IP54, IQ65 front side)
- PS2/5 Pin DIN/RS232 Interface available.
- LEDs can be provided Power On/Num/Scroll/Caps Lock.
- Excellent tactile feedback, with metal domes.
- Audio feedback, for keys.
- Highly reliable software & hardware.



Applications:

- Factory Automation
- Note Book PC
- Toll Collection Centres
- Portable Devices
- Point of Sale Terminal (POS)

Environmental Specs :

- Operating Voltage : 24 V DC max.
- Operating Current : 80 mA max.
- Contact Resistance : 2 Ohms
- Life Expectancy : 1 Million Operations
- Contact Bounce : 10 milli seconds.
- Activation Force : 280-350 Grams
- Operating Temp : -18° C to +70° C
- Humidity : 95% RH/40° C/48 Hrs.
- Insulation Resistance : @500 VDC between terminal & Aluminium foil wrapped around the keyboard.
- Vibration : 1 Hour freq. 10-150-10 Hz.
- Degree of Protection (Front Side) : IP 54, IP 65.
- Dimensional Tolerance: +/-0.2 mm.
- Warranty : One year from date of sale & against manufacturing defect only.