

CAPACITIVE "PASS-THRU" SWITCHES



(hmi)
human machine interface

THE
HALL
COMPANY

PUTTING THE **FUTURE** AT YOUR **FINGERTIPS**

THE HALL COMPANY'S® "PASS-THRU" SWITCH IS A CAPACITIVE INTERFACE THAT ALLOWS FOR THE USE OF ACRYLIC, SAFETY GLASS, OR OTHER NON-CONDUCTIVE MATERIALS IN FRONT OF THE SWITCH/SENSOR. THIS IS A GREAT SOLUTION FOR HARSH ENVIRONMENTS OR APPLICATIONS WHERE CLEANING, MOISTURE, AND/OR PHYSICAL DAMAGE TO THE SWITCH IS A CONCERN.

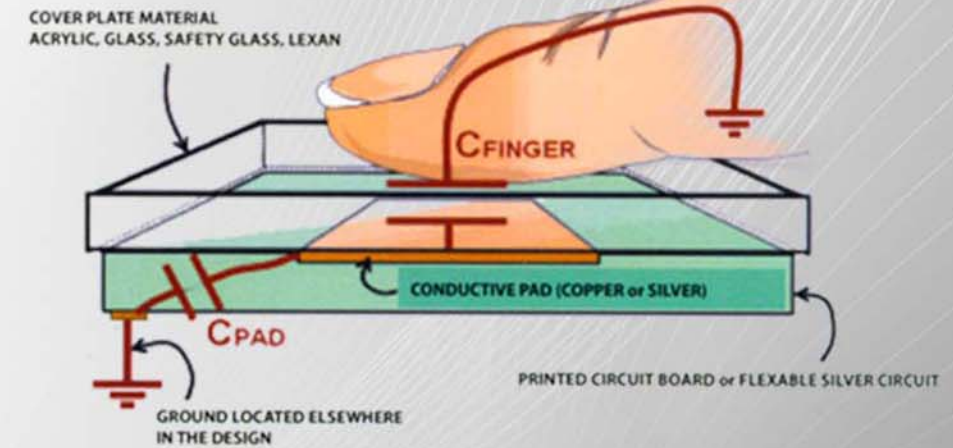
PRODUCT FEATURES:

- ABILITY TO SENSE THROUGH ANY NON-CONDUCTIVE MATERIAL
- NO MOVING PARTS, WHICH GREATLY INCREASES LIFE EXPECTANCY
- ABILITY TO BE COMPLETELY SEALED FOR HARSH ENVIRONMENT APPLICATIONS
- CAN USE ANY OF TODAY'S STANDARD COMMUNICATION PROTOCOLS, INCLUDING I²C, SERIAL, USB, TCP/IP, AS WELL AS CUSTOM & PROPRIETARY
- MULTIPLE BACKLIGHTING OPTIONS FROM ENTIRE KEY AREAS TO PINPOINT LOCATIONS

TECHNICAL DATA:

- OPERATING CURRENT:
< 175µA @ 2V, 4 MHz TYPICAL
- STANDBY CURRENT:
100 nA @ 2V TYPICAL

SIMPLE, 1 BUTTON DESIGN



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PUSHING THE LIMITS OF TECHNOLOGY
50th ANNIVERSARY 1961-2011

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