

## PIEZO SWITCH AND CONTROL PANELS



Piezo Switch and Control Panels from Everswitch are built to be responsive to the most demanding environments and user needs. Their thoughtful design combined with solid-state electronics and strong metal housings ensure trouble-free reliability with an aesthetic appeal.

They are virtually indestructible and use patented piezo technology to reach a high level of toughness, quality, intelligence and customization.

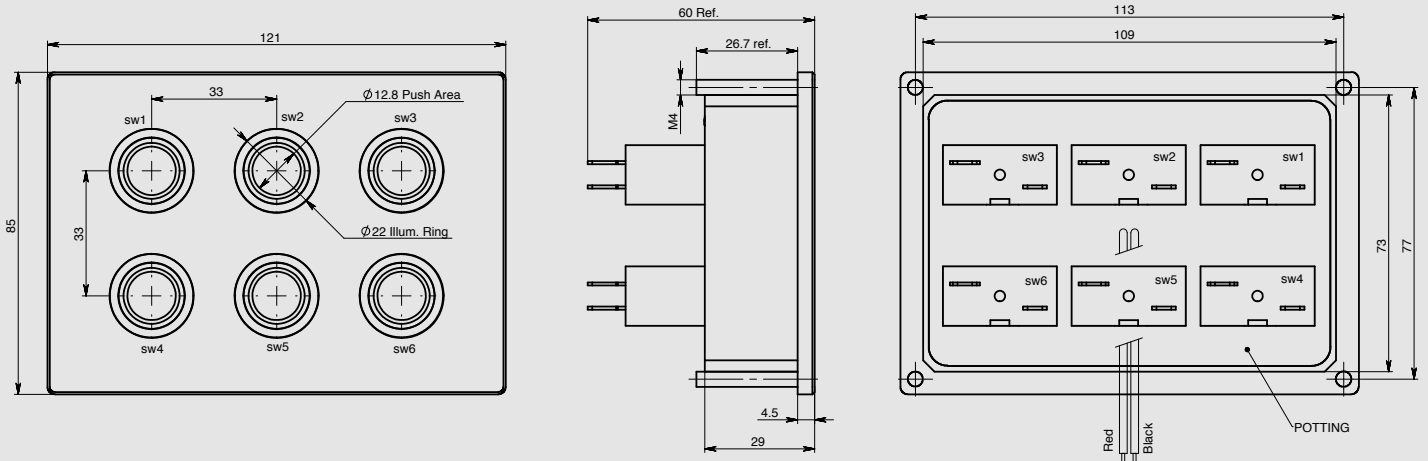
## PIEZO SWITCH AND CONTROL PANELS



### General characteristics:

- No moving parts – completely sealed against the environment
- One piece metal housings - milled for strength & vandal resistance
- Touch activated - operation by hand, gloves or tools
- Weatherproof - unaffected by salt water, humidity, fog or ice
- IP68K-IP69K-wash-down proof up to 100 Bar (submerged installations)
- Rugged switching- rated at 50,000,000 activations
- LED Ring or point illumination (RGB optionally)
- Material - aluminum or stainless steel
- Graphics - customized anodized printing or laser engraving
- Impact proof to IK10
- ROHS Compliant
- Industry leading five-year warranty
- CAN bus J1939 ,RS-485 and other communication protocols (Customization)
- Optional wireless communication - Bluetooth or WiFi

# PIEZO SWITCH AND CONTROL PANELS



## Electrical data

|                       |                  |
|-----------------------|------------------|
| Switch Function       | Toggle (On/Off)  |
| Switch Voltage        | up to 250V AC/DC |
| Switch Current        | 20A max          |
| Power Supply          | 12VDC            |
| Operating Cycles      | > 50,000,000     |
| Switch Resistance OFF | > 20M Ohm        |
| Switch Resistance ON  | < 5 Ohm          |
| Contact Configuration | Free polarity    |

## Mechanical data

|                   |                                       |
|-------------------|---------------------------------------|
| Housing Materials | Aluminium 6061 T651 anodized in black |
| Actuating Force   | 3-5 Newtons                           |
| Illuminated Ring  | Delrin                                |
| Connection        | Relay dry contact                     |
| Shock Protection  | IK 10                                 |
| Fastening Torque  | 2.5 Nm                                |

## Environmental Data

|                       |                 |
|-----------------------|-----------------|
| Operating Temperature | -20°C to +75°C  |
| Storage Temperature   | -40°C to +125°C |
| IP Protection         | IP69K           |

## About Everswitch

Everswitch is a leading provider of customizable switching solutions for the world’s most demanding user environments. From marine and aviation to white appliances, public transport, self-service terminals and medical equipment, our switches, keypads and control panels are deployed in millions of applications worldwide.

As a company, our mission is to help manufacturers transform their product ideas into meaningful user experiences.

By integrating design, engineering and production under one roof, we enable our customers to streamline product development and speed up time to market. Everswitch was the first company to introduce commercially viable piezo switching technology and continues to set the standard in switching innovation.