# MPI002/28/RD/24 Datasheet

## Product Name // Stainless Steel Vandal Resistant Illuminated IP66 Push Button Switch MPI002 Series 24V Red LED Ring 2.8mm Tab Termination

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## // Product Description:

- Stainless Steel Illuminated Vandal Resistant Push Button Switches
- 22mm diameter
- Single Contact, push to make, tactile (momentary action)
- Choice of Termination, depending on part code:
- /28 - 2.8mm Tab
- /TE or /TERM - Screw Terminal
- /RP - Solder Tag
- /FL - 300mm Flying Leads; white - switch, red - LED +, black - LED -
- Choice of Illumination style depending on part code:
- Part codes prefixed MPI001 - Centre dot
- Part codes prefixed MPI002 - Ring
- Choice of LED colour depending on part code:
- Single colour: /RD - Red, /GN - Green, /AM - Amber, /BL - Blue, /WH - White
- Dual colour (only available in /28 2.8mm Tab and /TE Screw Terminal versions): /D1 - Red/Green, /D4 - Red/Blue, /D5 - Green/Blue
- (When dual colour LEDs are forward biased the first colour is lit, when reverse biased the second colour is list)
- Choice of LED operating voltage depending on part code suffix:
- Resistor installed for operation at a single fixed voltage: /6 - 6V DC, /12 - 12V DC, /24 - 24V DC
- Also available with no resistor installed (no suffix) - see data for ratings to enable calculation of suitable series resistor value for application
- Front panel seal to IP66 (microswitch not sealed). /RP Solder Tag versions are also rear panel sealed to IP66

## // General Information:

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|---|---|
| **Product Display Title:** | Stainless Steel Illuminated Vandal Resistant Push Button Switches |
| **Product Family:** | Switches |
| **Product Series:** | Push Button |
| **Body Material:** | SS 304 |
| **Current Max:** | 0.05A |
| **Diameter:** | 22mm |
| **Function:** | Momentary Action |
| **Illumination Colour:** | Red |
| **Illumination Shape:** | Ring |
| **Illumination Style:** | Illuminated |
| **Illumination Voltage:** | 24V |
| **Ip Rating:** | IP66 |
| **Max Operating Temperature:** | +70°C |
| **Min Operating Temperature:** | -30°C |
| **Thread Size:** | 0.747 inch x 26TPI |
| **Voltage Max:** | 24V |

### // Product PDF Links

Vandal Resistant switches product...

### // Product 3D CAD Model Links

MPI002/28/RD/243D CAD Model