

Everbright Dual Function Button Series (Laser)

Everbright EB03(DF-Laser) Series button is designed for Dual Function (DF) with an Omron micro-switch and a built-in semiconductor-based laser (Class I) sensor emitting a highly efficient optical beam.

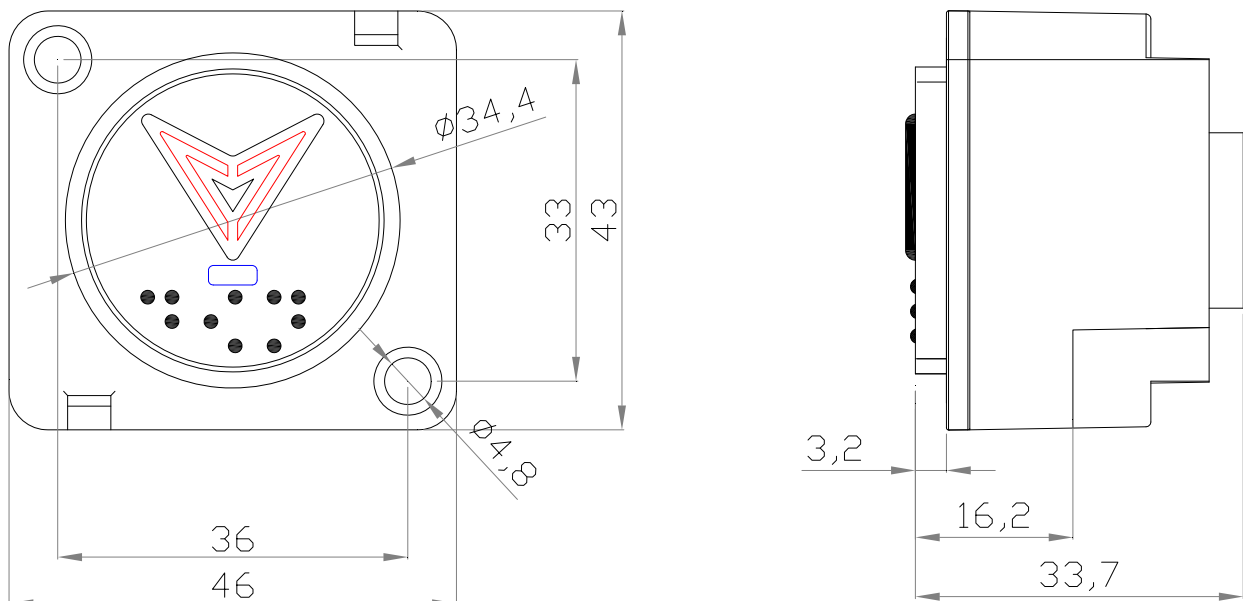
This laser technology offers more flexibility and reliability. The proximity detection circuitry has a built-in microchip and firmware programming allowing to compensates for ambient light, allowing it to operate in environments ranging from bright sunlight to dark rooms. The plus points are a larger output aperture of laser beam produces a narrow divergence angle and more circular output beam and less interference with other close output beams, high performance, high efficiency & high luminance. Its great advantages are low current, low power consumption, resulting in longer lifespan of the product.

The Pressel is manufactured from EG 316 stainless steel and is available as standard in Hairline finish, with options for mirror gold, beat-blast, etc. The tactile is 15mm high and of English Braille and comply with CODE ON ACCESSIBILITY IN THE BUILT ENVIRONMENT 2019

Technical Specification:

Weight:	55 grams
Construction:	Button casing molded in high grade polycarbonate and solid alloy rim chromium
Pressel:	Standard hairline EG 316 stainless steel.
LED Voltage:	Single/ Dual illumination 12/24V a.c./d.c.
LED colour:	Standard illumination in red
LED current:	Steady 3mA and operate 16mA
Contact arrangement:	Dual function of 1 N/O contact & laser sensor
Sensor Activation distance	30mm ~ 40mm
Contact rating:	18mA 24V d.c. (resistive load)
Operation cycle (push):	1,000,000 nominal contacts
Laser Class	Class I

The model EB03-RBL(DF-Laser) is available in LED illuminated: Red, Green, Amber, Blue or White



EB03-RBL(DF-Laser) Dual Function Vandalism Button