Choose the future

Choose BRAUMS

Smarter Safer Greener Living

TOUCH-LESS PEDESTRIAN PUSH BUTTON

Hygienic Operation

Illuminated Sensor

Robust Design

Dual-Input System

Proven Reliability

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Safer Signalised Crossings

The BRAUMS Touch-Less Pedestrian Push Button System allows members of the public to activate a pedestrian crossing phase at a signalised intersection without having to physically touch the button. By removing the need for physical contact with this frequently touched piece of public infrastructure, potential surface-to-surface disease transmission can be minimised.Not only does the BRAUMS Touch-Less system offer a more hygienic alternative to standard push buttons, but it ensures the overall network can continue to operate adaptively, only stopping vehicle traffic for a crossing phase when absolutely necessary. This in turn reduces traffic congestion and driver frustration, while also improving pedestrian safety.

Touch-Less System

The Touch-Less System retains all functionality of the tried and tested, traditional push button, including audio tactile features for the hearing and vision impaired. However, the system also features an Infrared (IR) Proximity Sensor so pedestrians can request a crossing phase without potentially getting their hands dirty. Pedestrians simply need to hold their hand close to the illuminated IR Sensor to call for a crossing phase.

Key Benefits

Improved Public Hygiene

The contactless system prevents members of the public from potentially contaminating their hands while attempting to request a crossing phase.

Safer Pedestrian Behaviour

Allowing pedestrians to once again control when crossing phases occur can reduce frustration and encourage safer crossing behaviour.

Reduces Traffic Congestion

By limiting the number of unnecessary crossing phases initiated by a fixed-time, automated system, traffic can continue to flow until a pedestrian crossing phase is needed.

Technical Description

The Touch-Less Pedestrian Push Button assembly includes a manually operated, non-locking solid stainless steel push button which is mounted in a strong, diecast aluminium case. A combined visual/tactile arrow is positioned on the front of the case to indicate the direction of the associated crossing. In addition, the system now includes a contactless IR sensor that is triggered when an object is held in close proximity. An optional LED illuminated wait indicator can also be installed.

Product Variants

TOUCH-LESS PEDESTRIAN PUSH BUTTON
This assembly includes an IR Sensor to allow pedestrians to request a crossing phase with a wave of the hand. The mechanical button and Audio Tactile Transducer are retained for the hearing and vision impaired.

TOUCH-LESS PEDESTRIAN PUSH BUTTON with LED Wait Indicator
This assembly offers all features of the Touch-Less Pedestrian Push Button with an additional illuminated LED indicator to reassure pedestrians that their call has been registered.

Infrared Proximity Sensor

Protected by a stainless steel housing, the IR sensor itself has an MTBF rating of 11+ years, with an adjustable sensitivity range of 40mm – 150mm. The proximity sensor is illuminated and will blink green to let pedestrians know that their hand gesture has been actioned and a pedestrian crossing phase will soon commence.

Wait Indicator

The wait indicator lens is molded from opaque white scratch resistant acrylic with similar properties to cast acrylic 445 sheet. The wait indicator printed circuit board (PCB) is populated with surface mount components which include 10 SMT red LEDs.The PCB is mounted at pre-determined distance from the back is the wait indicator lens to ensureeven illumination.

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Additional Features

Quick and Easy Installation

The No-Touch Push Button retrofits to existing installations quickly and easily because it utilises the same system currently in use. This means no new hardware or additional space is required.

Dual-Redundancy

Given the physical push button and the IR Proximity Sensor run in parallel, each input method can serve as a backup for the otherin the unlikely event that one should fail.

Extra-Low Voltage Configuration

The system can be configured for 42V AC installations, delivering an extra level of safety, not just for installers, but for members of the public too.

PART NO.	PRODUCT NAME	DESCRIPTION
BPB2001	TOUCH-LESS PEDESTRIAN PUSH BUTTON AT	Touch-Less Pedestrian Push Button with Infrared Sensor and Audio Tactile Transducer
PBAT-NTP	TOUCH-LESS PEDESTRIAN PUSH BUTTON REC S AT	Touch-Less Pedestrian Push Button with Infrared Sensor, LED Wait Indicator, and Audio Tactile Transducer
BAT2001	TOUCH-LESS AT DRIVER HOUSING W/ DRIVER BOARD	Audio Tactile Driver Housing complete with Touch-Less Push Button Driver Board
ATD-NTP	TOUCH-LESS REC S AT DRIVER HOUSING W/ DRIVER BOARD	Audio Tactile Driver Housing complete with Touch-Less Push Button REC S Driver Board

Need more Information?

For further technical information about BRAUMS Touch-Less Pedestrian Push Button products, including details about Transducer, Mounting Hardware, Electrical Requirements, Wiring, Audio Tactile Frequencies and Hardware Implementation, please download BRAUMS Pedcall brochure.

Certified System Quality ISO 9001 SAI GLOBAL
Certified System Environment ISO 14001 SAI GLOBAL
Certified System Health & Safety AS/NZS 4801 SAI GLOBAL

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