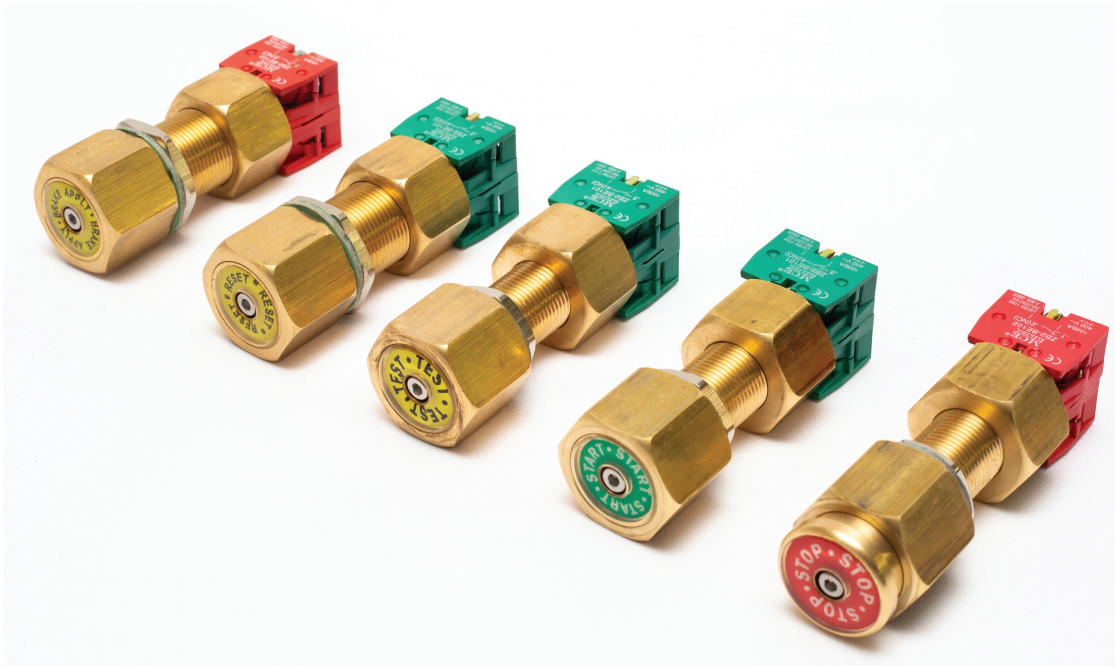




Electroflame (PTY) LTD

Design | Manufacture | Supply
Ex Equipment



Mining

Exd **PUSHBUTTONS**

Application

The flameproof pushbuttons can be mounted to any Exd housing and are used as switches with either normally open (NO) or normally closed (NC) contacts.

Construction

The switch body, pushbutton head, shaft, contact nut and lock nut are all machined from brass.

The pushbutton head has an engraved indication label mounted to the front. The standard units are marked stop, start and test. Other options are available on request. Inside the unit is the shaft, actuating spring and wiper seal. Two NO or two NC electrical contact blocks are attached to the contact nut which is mounted to the back end of the unit.

The pushbutton head can either protrude beyond the body or be flush with the body. The flush head is normally used with the 'start' and 'test' pushbuttons while the protruding head is normally used with the 'stop' pushbutton.

The start and test pushbuttons are supplied with a NO contact while the stop pushbuttons are supplied with a NC contact. The threaded section which is screwed into the Exd housing can be M20 or M25. The internal wiper seal prevents moisture and dust ingress.

Certification

- Ex d I Mb/Ex d IIC Gb
- IA Number: MASC MS/15-1814U

Electrical Specification

- 400V AC 10A Contacts
- Terminal wire size: 2 x 1.5mm or 1 x 2.5mm

Order Information

Pushbutton Range

- M20 stop, red, n/c contact
- M25 stop, red, n/c contact
- M20 start, green, n/o contact
- M25 start, green, n/o contact
- M20 test, yellow, n/o contact
- M25 test, yellow, n/o contact
- M25 reset, yellow, n/o contact
- M25 brake apply, yellow, n/c contact
- M20 play back, yellow, n/o contact

Part Number

SMSST-003
SMSST-005
SMSST-004
SMSST-006
SMSST-009
SMSST-015
SMSST-024
SMSST-025
SMSST-013

Spare Contact Blocks

- Normally Closed (N/C) (ZB2-BE102)
- Normally Open (N/O) (ZB2-BE101)

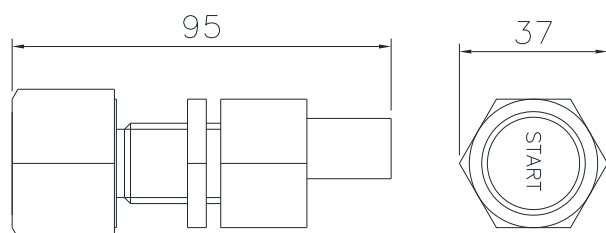
Part Number

NELSW-CB001
NELSW-CB002

Dimensions

There are two types of heads that are able to be attached to the Exd pushbutton, these being the flush head and the protruding head, each with their own dimensions below:

Flush Head



Protrude Head

