

Series
61
Buzzer

www.eao.com



Series 61

Buzzer

Both visual and audible signals provide direct feedback from equipment and machinery to interaction or status.

EAO offers HMI products which fully meet the needs of users in relation to the operating conditions.

As a pioneer in the field of illuminated pushbuttons and an expert in Human Machine Interfaces (HMIs), EAO continues to set new standards in machine operability. The Series 61 buzzer is capable of meeting precisely the requirements demanded by industrial users. In addition to signals which use visual effects, feedback or warnings also need to be given in audible form if the operating systems are not always in the field of view of the operator.

The modern flush-mounting design matches the front appearance of EAO's Series 51, 61, 71 and 84. This enables a variety of flat pushbuttons to be combined in the same control panel while optimising the aesthetic appearance.

The innovative buzzer is especially suitable for machinery control panels, and is guaranteed for safe, reliable operation at temperatures of -25°C to $+55^{\circ}\text{C}$, even when exposed to spraying water.

Typical applications

- Machinery and equipment
- Process visualisation
- Vehicle cockpits

Materials

The materials used are compliant with the strict EAO standards regarding quality, functional safety, service life and design.

Mechanical characteristics

- 2.8 x 0.5 mm plug-in connection
- Tightening torque for fixing nut max. 50Ncm

Electrical characteristics

- Frequency (sound) approx. 2.0 kHz
- Interval frequency 2 Hz
(for continuous tone use reverse polarity)
- Sound pressure level 88 dB (A) ± 8 dB at 0.1 m distance (IP40)
- Sound pressure level 82 dB (A) ± 8 dB at 0.1 m distance (IP65)
- Voltage/current consumption
10VDC ... 26VDC, ≤ 20 mA

Ambient conditions

Temperature

- Storage temperature -40°C to $+85^{\circ}\text{C}$
- Operating temperature -25°C to $+55^{\circ}\text{C}$

Front protection

IP40 or IP65

Advantages.

- Flush, modern design
- IP40 or IP65 front protection
- Easy to mount
- Continuous or intermittent tone
- Reliable and proven technology

Colour of front

- Plastic: Black RAL 9017
- Markings: White pad printed

Standards and directives

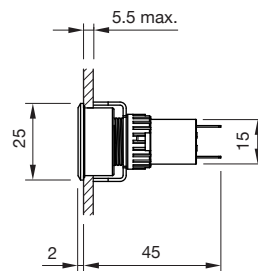
Declaration of Conformity

- CE
- RoHS

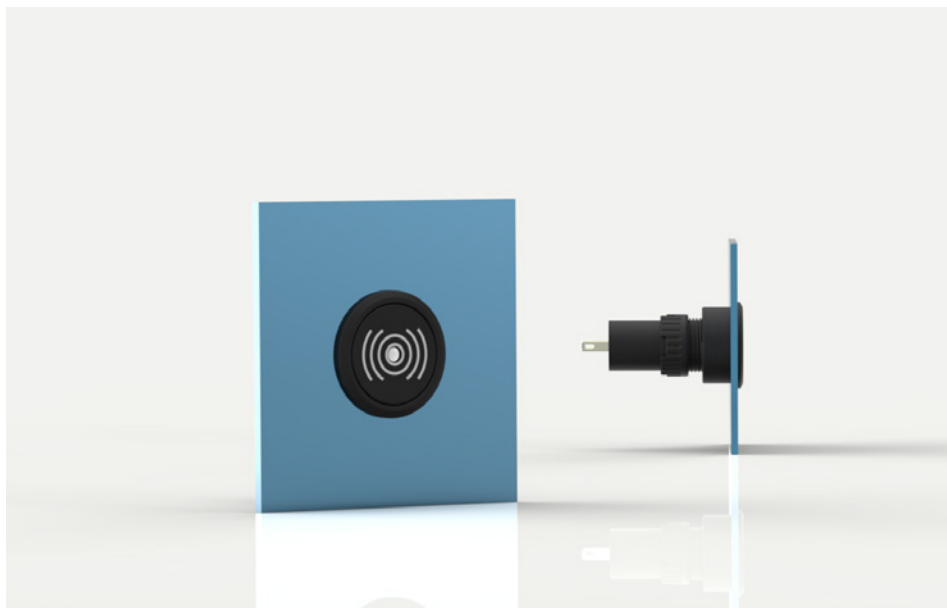
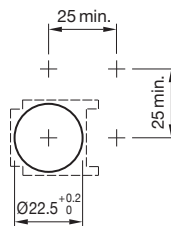
Mounting

The buzzer is mounted from the front of the panel with the aid of an anti-rotation device and the fixing nut. It is connected by means of two plug-in connectors, which can also be soldered. Continuous or intermittent tone can be controlled via the polarity of the connection.

Dimensions



Mounting cut-out



EAO Contact.

Your centre of excellence.

Headquarters

EAO Holding AG

Tannwaldstrasse 88
CH-4600 Olten
Telephone +41 62 286 91 11
info@eao.com

Manufacturing Companies

Switzerland

EAO AG
Tannwaldstrasse 88
CH-4600 Olten
Telephone +41 62 286 91 11
info@eao.com

EAO Systems AG
Tannwaldstrasse 88
CH-4600 Olten
Telephone +41 62 286 91 11
sales.esy@eao.com

China

EAO (Guangzhou) Ltd.
RM 3A03, 3A/F, Block A,
Guangzhou
International Business
Incubator Centre
3 Ju Quan Lu,
Guangzhou Science City
CN-Guangzhou, PRC
Telephone +86 20 322 903 90
sales.ecn@eao.com

Germany

EAO Automotive GmbH & Co. KG
Richard-Wagner-Straße 3
DE-08209 Auerbach/Vogtland
Telephone +49 3744 8264 0
sales.esa@eao.com

North America

EAO Corporation
One Parrott Drive
Shelton,
US-CT 06484
Telephone +1 203 951 4600
sales.eus@eao.com

Sales Companies

China

EAO (Guangzhou) Ltd.
RM 3A03, 3A/F, Block A,
Guangzhou
International Business
Incubator Centre
3 Ju Quan Lu,
Guangzhou Science City
CN-Guangzhou, PRC
Telephone +86 20 322 903 90
sales.ecn@eao.com

France

EAO France SAS
5, rue Henri François
FR-77330 Ozoir-la-Ferrière
Telephone +33 1 64 43 37 37
sales.efr@eao.com

Germany, Austria, Poland, Czech Republic

EAO GmbH
Langenberger Straße 570
DE-45277 Essen
Telephone +49 201 8587 0
sales.ede@eao.com

Hong Kong (Asia Pacific)

EAO (Far East) Ltd.
Unit A1, 1/F, Block A
Tin On Industrial Building
777 Cheung Sha Wan Road
Lai Chi Kok, Kln
HK-Hong Kong
Telephone +852 27 86 91 41
sales.ehk@eao.com

Italy

EAO Italia S.r.l.
Piazza Monsignor L. Chiodi 3
IT-24049 Verdello (Bergamo)
Telephone +39 035 481 0189
sales.eit@eao.com

Japan

EAO Japan Co. Ltd.
Net 1 Mita Bldg. 3F
3-1-4 Mita Minato-ku
JP-Tokyo 108-0073
Telephone +81 3 5444 5411
sales.esj@eao.com

Netherlands, Belgium

EAO Benelux B.V.
Kamerlingh Onnesweg 46
Postbus 544
NL-3300 AM Dordrecht
Telephone +31 78 653 17 00
sales.enl@eao.com

North America

EAO Corporation
One Parrott Drive
Shelton,
US-CT 06484
Telephone +1 203 951 4600
sales.eus@eao.com

Sweden

EAO Svenska AB
Slakthusgatan 9
SE-121 62 Johanneshov
Telephone +46 8 683 86 60
sales.esw@eao.se

Switzerland

EAO Schweiz AG
Tannwaldstrasse 86
CH-4600 Olten
Telephone +41 62 286 95 00
sales.ech@eao.com

United Kingdom

EAO Ltd.
Highland House
Albert Drive
Burgess Hill,
GB-West Sussex RH15 9TN
Telephone +44 1444 236 000
sales.euk@eao.com