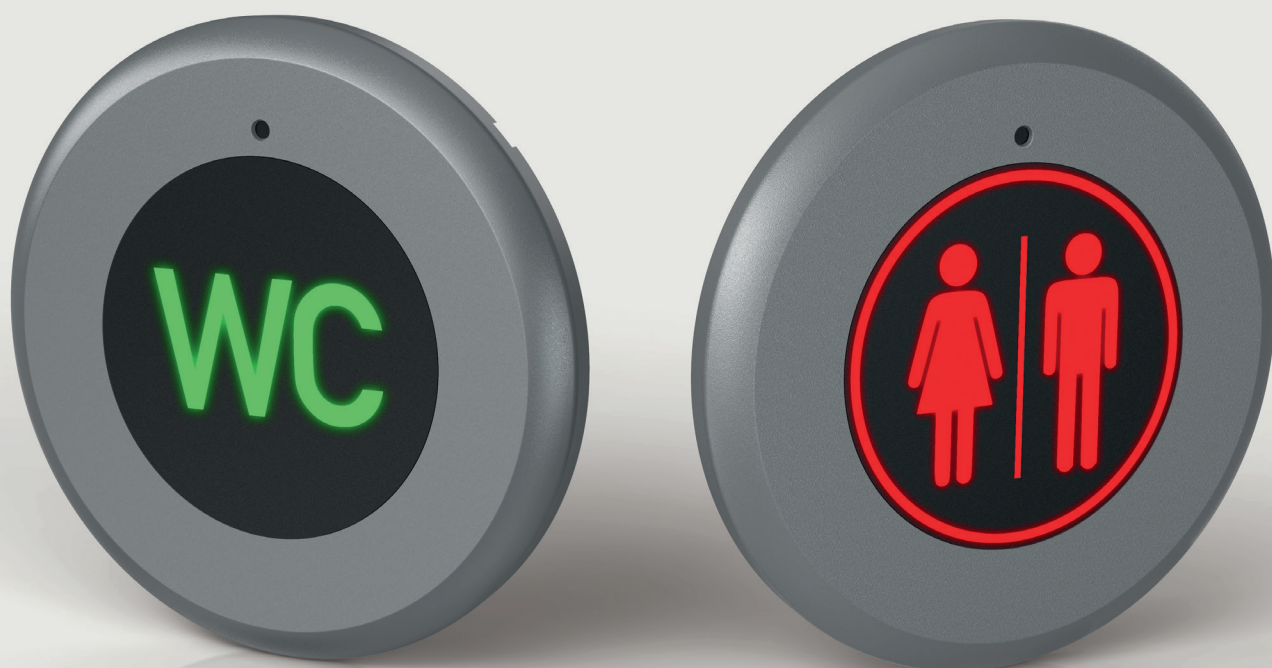


Series
57
Multi-Legend Display.

www.eao.com/57-mld



Series 57

Multi-Legend Display.

Flexible and clearly visible status displays – with up to 18 customisable symbols for each display – for intuitive status information in public transportation.

Public transportation applications need intuitive indicators that use symbols which are easily identifiable and visible in all conditions. For example, a passenger needs to be able to quickly identify from a distance if a toilet is vacant, occupied or out of order so that they do not unnecessarily waste time waiting or searching for the facilities. In the event of a fire, it is especially important for the alarm symbol to be quickly identifiable. And there are numerous other indicator applications that passengers can benefit from.

The Series 57 Multi-Legend Display is intuitive in use, offers flexibility in operation, is easy to maintain and meets all relevant public transportation standards.

Typical applications

- Toilet facilities in trains, on coaches and in public environments
- Various functions for informing and alerting passengers
- Passenger access status indicators

With a 3" TFT display, integrated sensor for adapting the display brightness and a wide viewing angle, this display has been designed from the ground up to be easily identi-

fied. Aside from offering optimum visibility in all lighting conditions, the brightness sensor also optimises the service life of the device by ensuring that the illumination is never brighter than it needs to be. The clear visibility of up to 18 customisable symbols on each display builds upon the large number of combinable display colours and the high display contrast. The symbols displayed can be shown with a resolution of up to 432 x 432 pixels and can be uploaded to the device by using the Multi-Legend Display programming kit.

Preprogrammed symbols



The modern HMI design of the Multi-Legend Display is a perfect fit for the Series 57 range of products and is superbly suited to front mounting in sandwich walls due to its low back panel depth. It is connected to power via a 16-pin male/female connector included with the product. A universal terminal is also available for all wire types with a wire cross-section of up to 1.5 mm² and CAGE CLAMP® connectors. The Multi-Legend Display satisfies the latest relevant standards.

All in all, the Series 57 Multi-Legend Display is the ideal choice for manufacturers of trains, train doors and toilet systems for public environments, because this intuitive indicator is flexible and always clearly visible.

Advantages.

- Up to 18 customisable symbols per display
- Excellent visibility and wide viewing angle
- Environmentally adaptive sensor for display brightness
- Modern design with low back panel depth
- Complies with relevant standards

Mechanical characteristics

- Front bezel
Plastic, grey
- Display
3.0"-TFT display
- Image format
432 x 432 PNG
- Brightness
max. 800 cd/m²
- Viewing angle
140°
- Connection
WAGO 713-1428/037-000
- Mounting front side

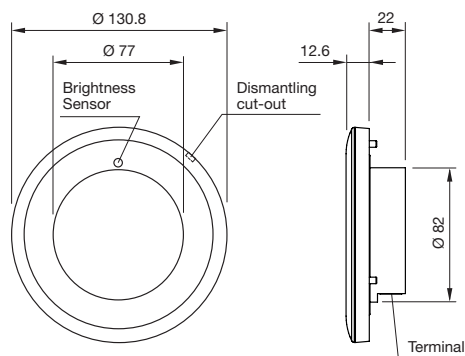
Electrical characteristics

- Operating voltage 24 VDC (–30 % / +25 %)

Ambient conditions

- Storage temperature –30 °C ... +80 °C
- Operating temperature –20 °C ... +70 °C

Dimensions (Front and side view)



Protection degree

- IP65/IP67 front side
- IP20 rear side

Impact resistance

- IK07

Railway standards and guidelines

- Correspond to devices
 - EN 50155
 - EN 16584-1
 - EN 16584-2
 - EN 61373
- Fire protection
 - EN 45545-2
- EMC
 - EN 61000-6-2
 - EN 61000-6-3
 - EN 50121-3-2
 - ESD according to EN 61000-4-2 ±20 kV
 - Rule No. EMC 06
(Deutsche Bahn radio compatibility)

Further information is available at:
www.eao.com/57-mld



EAO Contact.

Your centre of excellence.

Headquarters

EAO Holding AG
Tannwaldstrasse 88
CH-4600 Olten
Telephone +41 62 286 92 00
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.
3/F, Block G4, South China
New Materials Innovation Park
31 Kefeng Road
Guangzhou Science City
CN-Guangzhou, PRC
Telephone +86 20 3229 0390
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.
3/F, Block G4, South China
New Materials Innovation Park
31 Kefeng Road
Guangzhou Science City
CN-Guangzhou, PRC
Telephone +86 20 3229 0390
sales.ecn@eao.com

EAO (Shanghai) Office
Rm.401, Lihpao Plaze,
NO.159 Shenwu Road,
Minhang District,
CN-Shanghai, 201106.
PRC
Telephone +86 21 6095 0717
sales.ecn@eao.com

France
EAO France SAS
Nextdoor – Bâtiment Silex
15 rue des Cuirassiers
CS 33821
FR-69487 Lyon Cedex 03
Telephone +33 9 74 18 93 41
sales.efr@eao.com

**Germany, Austria, Czech Republic,
Poland, Slovakia**
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.
Centro Direzionale Summit –
Palazzo C1
Via Brescia 26
IT-20063 Cernusco sul Naviglio (MI)
Telephone +39 029 247 0722
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.ejp@eao.com

Netherlands, Belgium
EAO Benelux B.V.
Kamerlingh Onnesweg 46
NL-3316 GL 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

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

**United Kingdom, Denmark,
Finland, Ireland, Norway, Sweden**
EAO Ltd.
Highland House
Albert Drive
Burgess Hill
GB-West Sussex RH15 9TN
Telephone +44 1444 236 000
sales.euk@eao.com