

AT-Series

Luminous display signs with single screen



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Luminous display signs with single screen



AT-series – Surface mounted housing (AP)



AT-series – Flush-mounting enclosure with aluminium bezel frame (UPB)

Application

Luminous display panels with information on room occupancy or usage indication in the medical sector, broadcasters and many other sectors. Often these signs are located above the entry doors with individual lettering. The signs are individually made with single, double or triple screen/lenses. The lens arrangement can be made horizontal or vertical.

Description

The different coloured lenses snap into the enclosure without distracting screws. The LED can be accessed from the front. For the various enclosure types please refer to the project related elevation drawings for dimensions.

Two enclosures are available:

• Flush-mounting with aluminium bezel frame (UPB)

The facing frame made of anodised aluminium makes it possible to cover a gap between the flush-mounting housing and the wall of up to approx. 12 mm. It is possible to compensate for a height difference of up to 20 mm via the slots. This design is used for instance in wall-papered or coated walls, or walls with non-standard tiles. The minimum depth of the wall box is 90mm.

• Surface mounted (AP)

The anodised surface-mounting housing AP is suitable both for pure surface-mounting and also for partially recessed mounting.

The housing has a depth of 60mm.

Standards

DIN VDE 0100-710, VDE 0100-710, EN 60439-1, VDE 0660-500, IEC 60364-7-710

Characteristics

- Individual labeling
- Various screen/lens colours
- Long live LED technology
- Uniform illumination
- Lenses without screws at the front
- Standard wall boxes for
 - Flush mounting with aluminium bezel frame (UPB)
 - Surface mounting (AP) with aluminium enclosure
- Protection class: back box IP 40, front IP54
- Max. ambient temperature 35 °C
- Max. wire cross section 2.5 mm²

Typical Application

- Hospitals or doctor offices with
 - Tomograph-,
 - Laser-
 - X-Ray department
- Laboratories in the fields of
 - Chemistry,
 - Biology,
 - Virology
- Technical testing laboratories
- Darkrooms
- Radio and recording studios
- Theatre and cinemas
- Conference- und seminar rooms
- Waiting rooms
- Controlled areas

Typical Individual Lettering

- OR-In Use
- Laser On
- Caution X-Ray ON
- CT-In Use
- Contamination Do not enter
- Controlled area No access
- Caution Voltage
- Caution test running
- STOP
- Darkroom Do not enter
- Taken
- Occupied
- Do not enter
- Recording
- On Air
- Quiet Please
- Film running
- Please enter quietly Performance running.
- Lecture has started
- Conference on going
- Room In Use
- Next please
- Please enter
- Radiation area Do not enter
- Safety area No access

Technical Data

Electrical data

Lamp type

Luminaire	LED
LED colour	white
Wattage per light section	2x 3W module with 3 LEDs each

Supply

Power supply	AC 100...240 V, 47...63 Hz/DC 24 V, 420 mA
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Connection

Conductor	max. 2.5 mm ²
Protection class	earthed/grounded

Screen/lens

Colour	white, yellow, red
Lettering	foil letters, black, opaque

Enclosure dimensions/Weight

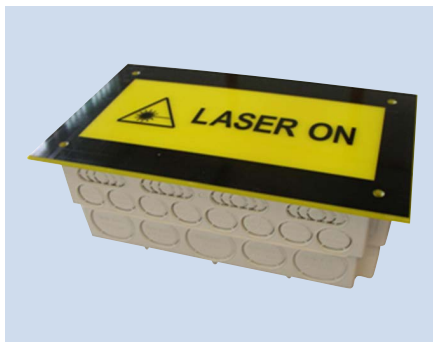
Flush mounted (UPB), typically	(WxHxD) 333 x 183 x 90 mm
Weight	2.1 kg
Surface mounted (AP)	(WxHxD) 300 x 150 x 60 mm
Weight	1.5 kg

AT-Series

Luminous display signs with single screen



AT-series –
wall box for dry/cavity wall mounting



AT-series – wall box for solid/brick walls

Application

Luminous display panels with information on room occupancy or usage indication in the medical sector, broadcasters and many other sectors. Often these signs are located above the entry doors with individual lettering.

Description

Enclosure for door signs with one screen/lens only. The coloured screen/lens is mounted to the wall box by four countersunk screws. The outer dimension of the screen/lens is 254x154mm.

Two wall boxes are available:

• Wall box for dry/cavity wall mounting

The screen/lens extends the outer wall box dimensions. Wall box according to DIN VDE 0606 with VDE marking. Cut out via four standard 68mm holes with the provided drilling template.

Cut outs/knock out for cable entry 8 x Ø 20 mm, 2 x Ø 25 mm, 2 x Ø 32 mm.

Wall box dimensions 240 x 140 x 72 mm

• Wall box for solid/brick wall mounting

Wall box according to DIN VDE 0606 with VDE marking. Cut outs/knock out for cable entry 24 x Ø 20 mm, 8 x Ø 25 mm, 6 x Ø 32 mm.

Wall box dimensions 240 x 142 x 87 mm

Standards

DIN VDE 0100-710, VDE 0100-710, EN 60439-1, VDE 0660-500, IEC 60364-7-710

Characteristics

- Individual labeling
- Various screen/lens colours
- Long live LED technology
- Uniform illumination
- Standard wall boxes for
 - Dry/cavity wall mounting
 - Solid/brick wall mounting
- Protection class IP 20
- Max. ambient temperature 35 °C
- Max. wire cross section 2.5 mm²

Typical Application

- Hospitals or doctor offices with
 - Tomograph-,
 - Laser-
 - X-Ray department
- Laboratories in der
 - Chemistry,
 - Biology,
 - Virology
- Technical testing laboratories
- Darkrooms
- Radio and recording studios
- Theatre and cinemas
- Conference- und seminar rooms
- Waiting rooms
- Controlled areas

Typical individual lettering

- OR-In Use
- Laser On
- Caution X-Ray ON
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- Contamination Do not enter
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- On Air
- Quiet Please
- Film running
- Please enter quietly Performance running.
- Lecture has started
- Conference on going
- Room In Use
- Next please
- Please enter
- Radiation area Do not enter
- Safety area No access

Technical Data

Electrical data

Lamp type

Luminaire	LED
LED colour	white
Wattage	2x 3W module with 3 LEDs each

Supply

Power supply	AC 100...240 V, 47...63 Hz/DC 24 V, 420 mA
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Connection

Conductor	max. 2.5 mm ²
Protection class	earthed/grounded

Screen/lens

Outer dimension	255 x 155 mm
Colour	white, yellow, red
Lettering	foil letters, black

Dimensions/Weight

Dry/cavity wall mounting	(WxHxD) 240 x 140 x 72 mm
Weight	0.55 kg
Solid/brick wall mounting	(WxHxD) 240 x 142 x 87 mm
Weight	0.55 kg



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