

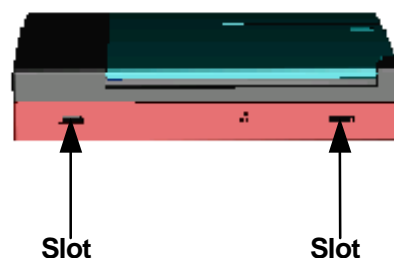
Installation Instructions

BE 300 LSN

Installation procedure and technical data

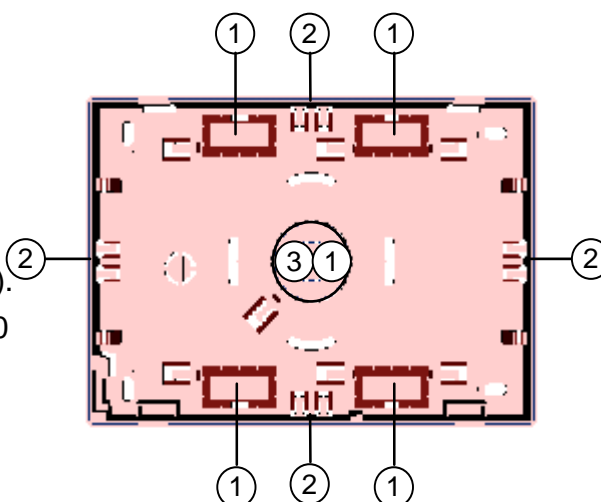
Remove the top of the casing:

1. Press a screwdriver into the slots in the bottom of the casing in order to raise the top of the casing slightly.
2. Swing the bottom part of the top of the casing approx. 45° relative to the bottom of the casing. Pull off the top part to the front.



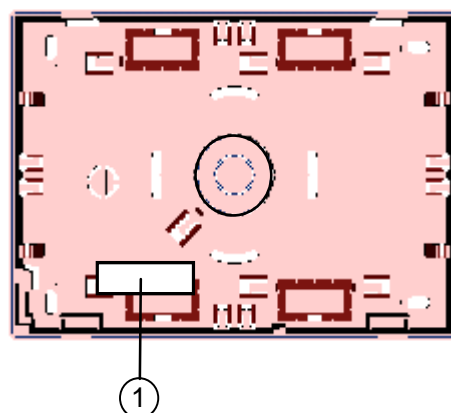
Fitting the bottom of the casing:

1. Cable entry points for recessed cabling (1).
2. Cable entry points for surface-routed cabling (2).
3. Cable entry point if the unit is fitted over a recessed socket (3).
4. Recommended bolts 2x for 4x40 installation.



Cable routing:

1. The data cables are strain-relieved and stripped directly after entering the cable entry point.
Strip the cables to the required length (up to the marked area (1) + approx. 10 cm)).
2. **Very important:** Pull insulating sheathing over the auxiliary shielding wires.
3. Route the cable wires together with the auxiliary shielding wire in the direction of the marked area (1) (see next page for maintenance position).



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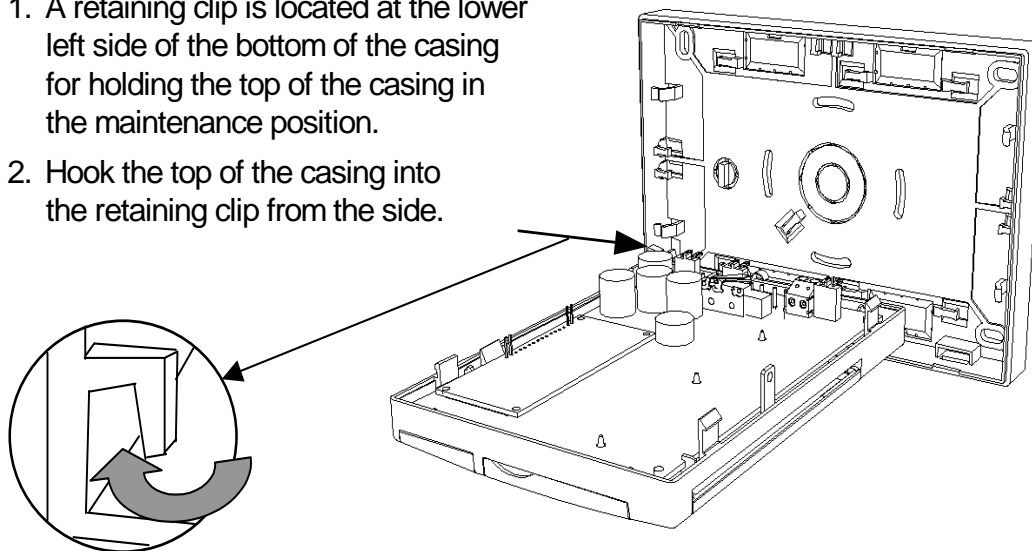
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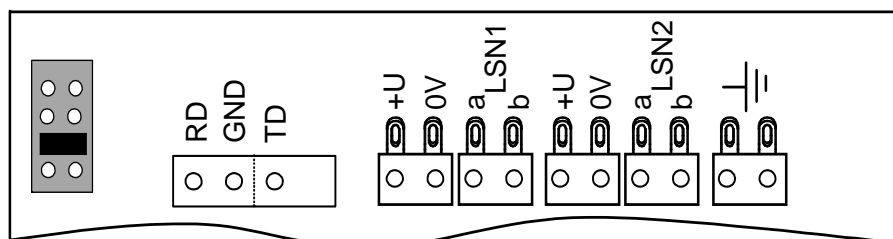
Insert top of casing into maintenance position:

1. A retaining clip is located at the lower left side of the bottom of the casing for holding the top of the casing in the maintenance position.
2. Hook the top of the casing into the retaining clip from the side.



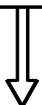
Connect data cable:

1. Solder the cable wires and auxiliary shielding wires onto the connectors.
2. Route the cable wires so as not to impair the correct functioning of the pcb (e.g. tamper switch).



Fit the top of the casing:

1. Remove the top of the casing from the maintenance position and fit it into the top of the bottom section at an angle of approx. 45°.
2. Swing the top section of the casing downwards and press it firmly until it snaps into the bottom section.



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Sealing the unit:

1. Twist a locking screw (contained in the accessories pack) from below into the casing.
2. Seal the screw.



Locking screw and seal



Attach service card:

1. Swing down the control console flap of the BE 300 LSN.
2. Stick the service card with the telephone No. of the service centre and ID number onto the inside of the flap.

Technical data

Operating voltage	
- LSN section	+ 15 V ... + 31 V
- Control section	+ 9.6 V ... + 30 V
Current consumption	
- LSN section	max. 3,55 mA (typ. 2,9 mA)
- Control section	20 mA standby / 50 mA with illumination
Tamper monitoring	Tamper switch
Ambient conditions	
- Operating temperature	- 5° C ... + 45° C
- Storage temperature	- 20° C ... + 60° C
- Degree of protection of casing	IP 40
Casing	
- Material	ABS
- Colour	RAL 9010
Dimensions (H x W x D)	112 x 162 x 29 mm
Weight	0.25 kg
VdS class	Class C
VdS approval	G 100070 (included in NZ 300 LSN approval)