Bus enclosures BG

**Bus enclosures**

Material:
Sheet steel
Enclosure: 1.38 mm
Door: 1.5 mm
Viewing window made from polycarbonate, 4 mm

**Surface finish:**
Enclosure and door:
Powder-coated in textured RAL 7035

**Protection category:**
IP 65 to EN 60 529/09.2000,
complies with NEMA 12.

**Supply includes:**
Door with l/h hinge,
1 cam lock with double-bit insert,
2 (1) support rail(s) TS 35/7.5 (for BG 1586.510).
Drilled holes for cable glands in the base.

**Approvals,**
see page 26.

---

**Dimensions (mm)**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Number of PG holes</th>
<th>Number of metric holes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BG 1583.510</td>
<td>9, 11, 13.5, 16, 21</td>
<td>M12, M20, M25, BG</td>
</tr>
<tr>
<td>BG 1584.510</td>
<td>1, 14</td>
<td>2, 9, 2</td>
</tr>
<tr>
<td>BG 1585.510</td>
<td>18</td>
<td>2, 13, 3</td>
</tr>
</tbody>
</table>

**Lock systems**

Standard double-bit lock insert may be exchanged for lock inserts, type A, see page 956 and plastic handles, type B, see page 954.

To order enclosures in RAL 7032, please add the extension .210 or .220 to the Model No.

Delivery times available on request.

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**Not applicable to**
BG 1586.510
Bus enclosures BG

Bus enclosure

Material:
Sheet steel
Enclosure: 1.38 mm
Door: 1.5 mm
Viewing window made from polycarbonate, 4 mm

Surface finish:
Enclosure and door: Powder-coated in textured RAL 7035

Protection category:
IP 65 to EN 60 529/09.2000, complies with NEMA 12.

Supply includes:
Door with r/h hinge,
1 cam lock with double-bit insert,
1 support rail TS 35/7.5.

Holes for screwed cable glands in the base.

Accessories:

Cable glands made from polyamide or brass, see page 1054.

Approvals,
see page 26.

Dimensions in mm | Number of metric holes | Model No. BG
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>W (B)</td>
<td>H</td>
<td>D (T)</td>
</tr>
<tr>
<td>200</td>
<td>300</td>
<td>120</td>
</tr>
<tr>
<td>400</td>
<td>300</td>
<td>120</td>
</tr>
</tbody>
</table>

Lock systems

Standard double-bit lock insert may be exchanged for lock inserts, type A, see page 956 and plastic handles, type B, see page 954.

To order enclosures in RAL 7032, please add the extension .220 to the Model No.

Delivery times available on request.

Bus enclosure

Material:
Sheet steel
Enclosure: 1.38 mm
Door: 1.5 mm
Viewing window made from polycarbonate, 4 mm

Surface finish:
Enclosure and door: Dipcoat-primed, powder-coated in textured RAL 7035

Protection category:
IP 65 to EN 60 529/09.2000, complies with NEMA 12.

Supply includes:
Door hinged at the bottom,
2 (3) quick-release fasteners for screwdriver (with BG 1559.510),
1 support rail TS 35/7.5,
1 gland plate at the bottom.

Accessories:

for BG 1559.150 gland plates, size 6, see page 1050.

Approvals,
see page 26.
Bus enclosure BG

**Material:**
Sheet steel
Enclosure: 1.38 mm
Door: 1.5 mm
Polycarbonate viewing window (not all versions)
Zinc-coated mounting plate

**Surface finish:**
Enclosure and door:
Powder-coated in textured RAL 7035

**Protection category:**
IP 65 to EN 60 529/09.2000,
complies with NEMA 12.

**Supply includes:**
Door hinged at the bottom,
cam locks with double-bit insert,
may be exchanged for type A lock inserts,
page 956 and type B plastic handles, page 954.

**Modification:**
Viewing window and gland plate as per selection
Approvals,
see page 26.

**To order enclosures in RAL 7032, please add the extension .6X0 to the Model No.**
Delivery times available on request.

---

**Bus enclosure**

**Material:**
Sheet steel
Enclosure: 1.38 mm
Door: 1.5 mm
Viewing window made from polycarbonate, 4 mm

**Surface finish:**
Enclosure and door:
Powder-coated in textured RAL 7035

**Protection category:**
IP 65 to EN 60 529/09.2000,
complies with NEMA 12.

**Approvals,**
see page 27.

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**Dimensions in mm**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>W (B)</th>
<th>H</th>
<th>D (T)</th>
<th>400</th>
<th>500</th>
<th>160</th>
<th>33</th>
</tr>
</thead>
<tbody>
<tr>
<td>BG</td>
<td>400</td>
<td>500</td>
<td>160</td>
<td>33</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To order enclosures in RAL 7032, please add the extension .6X0 to the Model No.
Delivery times available on request.

**Supply includes:**
Door with r/h hinge,
1 cam lock with 3 mm double-bit insert,
may be exchanged for type A lock inserts,
page 956 and type B plastic handles, page 954.
3 support rails T3 35/7.5
Holes for screwed cable glands in the base.
Bus enclosures BG

Bus enclosure

Material:
- Sheet steel
- Enclosure: 1.38 mm
- Door: 1.5 mm
- Viewing window made from polycarbonate, 4 mm

Surface finish:
- Enclosure and door: Powder-coated in textured RAL 7035

Protection category:
- IP 65 to EN 60 529/09.2000, complies with NEMA 12.

Supply includes:
- Door hinged at the bottom,
- 2 quick-release fasteners for screwdrivers,
- 1 support rail TS 35/7.5
- Holes for screwed cable glands in the base.

Accessories:
- Cable glands made from polyamide or brass, see page 1054.

Approvals,
see page 27.

Dimensions in mm

<table>
<thead>
<tr>
<th>W (B)</th>
<th>H</th>
<th>D (T)</th>
<th>Number of drilled holes for PG 13.5 or M20</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>300</td>
<td>120</td>
<td>48</td>
<td>1609.510</td>
</tr>
</tbody>
</table>

To order enclosures in RAL 7032, please add the extension 0.210 to the Model No.

Delivery times available on request.

Bus enclosure for modular cable entry

Material:
- Sheet steel
- Enclosure: 1.38 mm
- Door: 1.5 mm
- Viewing window made from polycarbonate, 4 mm

Surface finish:
- Enclosure and door: Powder-coated in textured RAL 7035

Protection category:
- IP 55 to EN 60 529/09.2000, complies with NEMA 12
  (in conjunction with module plates).

Supply includes:
- 18 cut-outs in the base for module plates,
- pre-configured top-hat rail for bus systems (I/O modules, motor starters) and terminal blocks.
- Door with viewing panel for visual monitoring of the installed components.

Also required:
- Module plates, see page 1051.

Approvals,
see page 27.
Material:
Stainless steel
Enclosure: 1.25 mm
Cover: 1.25 mm
Hinges: Die-cast zinc

Surface finish:
Enclosure and cover: Brushed, grain 240
Hinges: plated

Protection category:
IP 66 to EN 60 529/09.2000,
complies with NEMA 4x.

Supply includes:
Enclosure with 1 support rail
TS 35/7.5
Lid with foamed seal 180° hinged
with quick-release fasteners.

Approvals,
see page 40.

Material:
Stainless steel
Enclosure: 1.25 mm
Cover: 1.25 mm
Hinges: Die-cast zinc

Surface finish:
Enclosure and cover: Brushed, grain 240
Hinges: plated

Protection category:
IP 66 to EN 60 529/09.2000,
complies with NEMA 4x.

Supply includes:
Enclosure with 1 support rail
TS 35/7.5
Lid with foamed seal 180° hinged
with quick-release fasteners.

Approvals,
see page 40.

Width (B1) mm  Packs of 200 300 400 600 Page
Height (H1) mm  300 300 300 200 200
Depth (T1) mm  80 80 80 123 123

Model No. BG
1.4301 (AISI 304) with PU seal 1 1583.010(1) 1584.020(3) 1585.010(1) 1558.010(2) 1559.010(2)
1.4301 (AISI 304) with silicone seal 1 1583.020(3) 1584.020(3) 1585.020(3) 1558.020(3) 1559.020(3)
1.4404 (AISI 316L) with PU seal 1 1583.500(3) 1584.500(3) 1585.500(3) 1558.500(3) 1559.500(3)
1.4404 (AISI 316L) with silicone seal 1 1583.530(3) 1584.530(3) 1585.530(3) 1558.530(3) 1559.530(3)

Weight (kg)  2.8 3.7 4.5 4.5 6.0

Accessories
Wall mounting bracket  4 1594.000 1594.000 1594.000 1594.000 1594.000 1594.000 975
Pole clamp  1 2584.000 2584.000 2584.000 2584.000 2584.000 2584.000 976
Condensate discharge  6 2459.000 2459.000 2459.000 2459.000 2459.000 2459.000 916

1) Support rail fixed on studs
2) Support rail adjustable on profile strip
3) Extended delivery times.

Wall mounting bracket
for the secure attachment of enclosures.
Model No. see page 975.

EMC cable glands
with contact spring for optimum all-round contact.
Model No. see page 1032.