

# Small enclosures

## Features

1.1 B

Small enclosures



This is application-oriented range diversity:

6 enclosure types in 4 materials and more than 100 sizes.

With

- Fibreglass-reinforced polycarbonate
- Cast aluminium
- Sheet steel with high-quality coating
- Stainless steel

every aspect of your requirements is met.

It goes without saying that all this is achieved in Rittal's familiar high quality, and to suit every safety requirement.

And for special requirements:

Stainless steel enclosures, see page 302 – 307.

Ex enclosures, see page 324 – 326.

EMC enclosures, see page 327 – 328.



### Polycarbonate enclosures



Hinges available as accessories. Cover screw prepared for a lead seal.



3 attachment options:

- 1 Wall mounting brackets
- 2 Below the cover screws
- 3 Knockouts in the enclosure



Enclosure partially equipped with metric knockouts for faster assembly of cable glands.



### Cast aluminium enclosures



Some holes tapped for the attachment of support rails, mounting plates or earthing systems.



Cover with captive screws.

- Wall mounting optionally
- below the cover
  - via wall mounting bracket (available as an accessory).



Drilled holes and assembly of cable glands (see page 1054) available on request.

### Terminal boxes KL with and without gland plate



Cover may be opened and securely locked in a flash, thanks to the new quick-action screw.  $\frac{3}{4}$  turn instead of thread ensures correct contact pressure of the seal.

Support rail TS 35/7.5 for better use of the depth, optionally attached at the bottom or via the profile strips on both sides with self-tapping screws.

Nanoceramic pretreatment, electrophoretic dipcoat priming and powder coating – reliable surface protection thanks to even coating in all the corners and edges.

### E-Box



The "E-Box" supplied as standard with mounting plate, 180° hinge and double-bit lock system.

Lock insert exchangeable or prepared for a lead seal with lock cover as an accessory – see page 958.

The highly elastic foamed-in PU seal guarantees perfect sealing. High protection category IP 66 to EN 60 529/09.2000.

### Bus enclosure/RiLAN Industrial

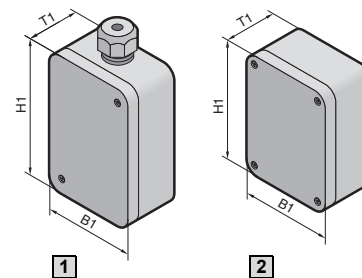


Door hinged at the bottom or side. Hinges with 180° opening angle, may be unscrewed from the inside.

Viewing window made from Macrolon with recess set flush into the metal.

Bus modules of virtually all makes may be attached via the built-in support rails.

# Polycarbonate enclosures PK



**Material:**  
Grey enclosure and cover (version .000) from fibreglass-reinforced polycarbonate, transparent cover (version .100) from polycarbonate, cover screws from polyamide, insulating bungs from polyethylene.

**Colour:**  
RAL 7035

**Protection category:**  
IP 66 to EN 60 529/09.2000

**Supply includes:**  
Enclosure and cover, cover screws, insulating bungs for wall mounting screws (not with PK 9530.000 and PK 9531.000), all-round foamed-in PU seal.

**Approvals,**  
see page 24.

**Detailed drawing,**  
see page 1173.

Width (B1) mm	50	50	65	65	94	94	94	94	Page
Height (H1) mm	52	65	65	65	65	65	94	94	
Depth (T1) mm	35	35	57	81	57	81	57	81	
<b>1 Model No. PK with cable gland for cable diameter 5 – 10 mm</b>	<b>9530.000</b>	<b>9531.000</b>	–	–	–	–	–	–	
<b>2 Model No. PK with grey cover</b>	–	–	<b>9500.000</b>	<b>9501.000</b>	<b>9502.000</b>	<b>9503.000</b>	<b>9504.000</b>	<b>9505.000</b>	
<b>Model No. PK with transparent cover</b>	–	–	–	–	–	–	<b>9504.100</b>	–	
Packs of	10	10	12	12	8	8	6	6	

<b>Accessories</b>									
Mounting plate	–	–	–	–	9541.000	–	9542.000	–	113
Packs of	–	–	–	–	12	–	12	–	
Support rail (Packs of 12)									
TS 15/5.5	Installation in the width	–	–	9560.000	–	–	–	–	113
	Installation in the height	–	–	–	9560.000	–	–	–	113
TS 35/7.5	Installation in the width	–	–	–	–	–	9564.000	–	113
	Installation in the height	–	–	–	–	–	9564.000	–	113

Width (B1) mm	110	110	130	130	130	130	180	180	Page
Height (H1) mm	110	110	94	94	130	130	94	94	
Depth (T1) mm	66	90	57	81	75	99	57	81	
<b>2 Model No. PK with grey cover</b>	<b>9506.000</b>	<b>9507.000</b>	<b>9508.000</b>	<b>9509.000</b>	<b>9510.000</b>	<b>9511.000</b>	<b>9512.000</b>	<b>9513.000</b>	
<b>Model No. PK with transparent cover</b>	<b>9506.100</b>	<b>9507.100</b>	<b>9508.100</b>	<b>9509.100</b>	<b>9510.100</b>	<b>9511.100</b>	<b>9512.100</b>	<b>9513.100</b>	
Packs of	6	6	4	4	4	4	2	2	

<b>Accessories</b>									
Mounting plate	–	9543.000	–	9544.000	–	9545.000	–	9546.000	113
Packs of	–	12	–	12	–	10	–	10	
Support rail (Packs of 12)									
TS 15/5.5	Installation in the width	9562.000	–	9563.000	–	9563.000	–	–	113
	Installation in the height	9562.000	–	9561.000	–	9563.000	–	9561.000	113
TS 35/7.5	Installation in the width	9564.000	–	9565.000	–	9565.000	–	9566.000	113
	Installation in the height	9564.000	–	9564.000	–	9565.000	–	9564.000	113

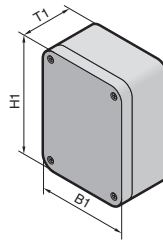


**Cable gland, polyamide,**  
Model No. see page 1054.



**Wall mounting bracket,**  
Model No. see page 113.

# Polycarbonate enclosures PK



**Material:**

Grey enclosure and cover (version .000) from fibreglass-reinforced polycarbonate, transparent cover (version .100) from polycarbonate, cover screws from polyamide, insulating bungs from polyethylene.

**Colour:**

RAL 7035

**Protection category:**

IP 66 to EN 60 529/09.2000

**Supply includes:**

Enclosure and cover, cover screws, insulating bungs for wall mounting screws, all-round foamed-in PU seal.

**Approvals,**  
see page 24.

**Detailed drawing,**  
see page 1173.

<b>Width (B1) mm</b>	180	180	180	182	182	182	Page
<b>Height (H1) mm</b>	110	110	110	180	180	180	
<b>Depth (T1) mm</b>	90	111	165	90	111	165	
<b>Model No. PK with grey cover</b>	<b>9514.000</b>	<b>9515.000</b>	<b>9516.000</b>	<b>9517.000</b>	<b>9518.000</b>	<b>9519.000</b>	
<b>Model No. PK with transparent cover</b>	<b>9514.100</b>	<b>9515.100</b>	<b>9516.100</b>	<b>9517.100</b>	<b>9518.100</b>	<b>9519.100</b>	
Packs of	2	2	2	1	1	1	

<b>Accessories</b>							
Mounting plate	9547.000			9548.000			113
Packs of	10			10			
Support rail TS 35/7.5 (Packs of 12)							
Installation in the width	9566.000			9566.000			113
Installation in the height	9564.000			9566.000			113

<b>Width (B1) mm</b>	254	254	254	360	360	Page
<b>Height (H1) mm</b>	180	180	180	254	254	
<b>Depth (T1) mm</b>	90	111	165	111	165	
<b>Model No. PK with grey cover</b>	<b>9520.000</b>	<b>9521.000</b>	<b>9522.000</b>	<b>9523.000</b>	<b>9524.000</b>	
<b>Model No. PK with transparent cover</b>	<b>9520.100</b>	<b>9521.100</b>	<b>9522.100</b>	<b>9523.100</b>	<b>9524.100</b>	
Packs of	1	1	1	1	1	

<b>Accessories</b>							
Mounting plate	9549.000			9550.000			113
Packs of	8			4			
Support rail TS 35/7.5 (Packs of 12)							
Installation in the width	9567.000			9568.000			113
Installation in the height	9566.000			9567.000			113



**Hinges,**

Model No. see page 113.

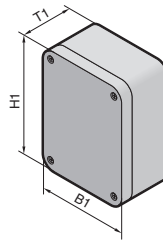


**Turn-lock fastener,**

Model No. see page 113.

# Polycarbonate enclosures PK

with metric knockouts



**Material:**  
Grey enclosure and lid of fibre-glass-reinforced polycarbonate, lid screws of polyamide, insulating bungs of polythene.

**Colour:**  
RAL 7035

**Protection category:**  
IP 66 to EN 60 529/09.2000

**Supply includes:**  
Enclosure and cover, cover screws, insulating bungs for wall mounting screws, all-round foamed-in PU seal.

**Approvals,**  
see page 24.

**Detailed drawing,**  
see page 1173.

1.1 Polycarbonate enclosures PK

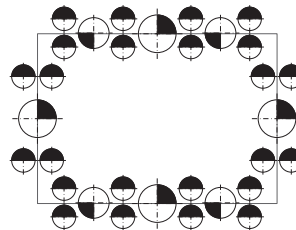
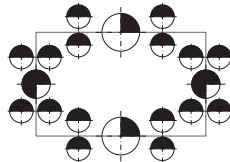
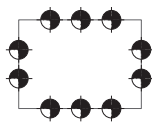
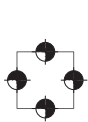
Width (B1) mm	65	130	180	254	Page
Height (H1) mm	65	94	110	180	
Depth (T1) mm	57	57	90	111	
<b>Model No. PK</b>	<b>9500.050</b>	<b>9508.050</b>	<b>9514.050</b>	<b>9521.050</b>	
Packs of	12	4	2	1	
<b>Accessories</b>					
Mounting plate	-	9544.000	9547.000	9549.000	113
Packs of	12	12	10	8	
Support rail (Packs of 12)					
TS 15/5.5	Installation in the width	9560.000	9563.000	-	113
	Installation in the height	-	9561.000	-	113
TS 35/7.5	Installation in the width	-	9565.000	9566.000	113
	Installation in the height	-	9564.000	9564.000	113

PK 9500.050

PK 9508.050

PK 9514.050

PK 9521.050



- M16/20
- M20
- M20/25
- M25/32
- M32/40



**Cable gland, polyamide,**  
Model No. see page 1054.



**Wall mounting bracket,**  
Model No. see page 113.



### Mounting plate

For individual configuration

**Design:**

Melamine phenol-coated laminated paper, 2.5 mm thick.

**Colour:**

RAL 7035

**Supply includes:**

Self-tapping assembly screws.

To fit	Width mm	Height mm	Packs of	Model No. PK
PK 9502.000, PK 9503.000	74	45	12	<b>9541.000<sup>1)</sup></b>
PK 9504.000/.100, PK 9505.000	74	74	12	<b>9542.000<sup>1)</sup></b>
PK 9506.000/.100, PK 9507.000/.100	90	90	12	<b>9543.000<sup>1)</sup></b>
PK 9508.000/.100, PK 9508.050, PK 9509.000/.100	110	74	12	<b>9544.000<sup>1)</sup></b>
PK 9510.000/.100, PK 9511.000/.100	110	110	10	<b>9545.000</b>
PK 9512.000/.100, PK 9513.000/.100	160	74	10	<b>9546.000</b>
PK 9514.000/.100, PK 9514.050, PK 9515.000/.100, PK 9516.000/.100	150	90	10	<b>9547.000</b>
PK 9517.000/.100, PK 9518.000/.100, PK 9519.000/.100	150	150	10	<b>9548.000</b>
PK 9520.000/.100, PK 9521.000/.100, PK 9521.050, PK 9522.000/.100	220	150	8	<b>9549.000</b>
PK 9523.000/.100, PK 9524.000/.100	331	220	4	<b>9550.000</b>

<sup>1)</sup> with spacers



### Turn-lock fastener

A quick, convenient screw fastening aid is obtained by clipping into the head of the lid screw.

**Material:**

Polyamide

**Supply includes:**

1 pack

	Packs of	Model No. PK
For all enclosures	100	<b>9582.000</b>



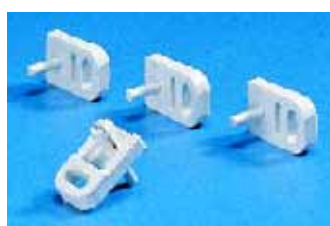
### Hinges

For hinged attachment of lids. The supplied drilling template ensures problem-free assembly.

**Supply includes:**

1 set =  
2 hinges,  
4 assembly screws,  
4 polyethylene sealing bungs,  
1 drilling template.

For enclosure	Material	Packs of	Model No. PK
PK 9500.000 – PK 9513.000	Polycarbonate	10 sets	<b>9580.000</b>
PK 9514.000 – PK 9524.000	Polystyrene	10 sets	<b>9581.000</b>



### Wall mounting brackets

The enclosure can be screwed to the wall using four wall mounting brackets. The bracket is securely attached to the enclosure by means of pins.

**Material:**

Polyamide, grey

**Supply includes:**

1 pack

	Packs of	Model No. PK
For all enclosures	40	<b>9583.000</b>



### Support rail

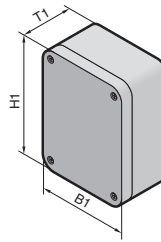
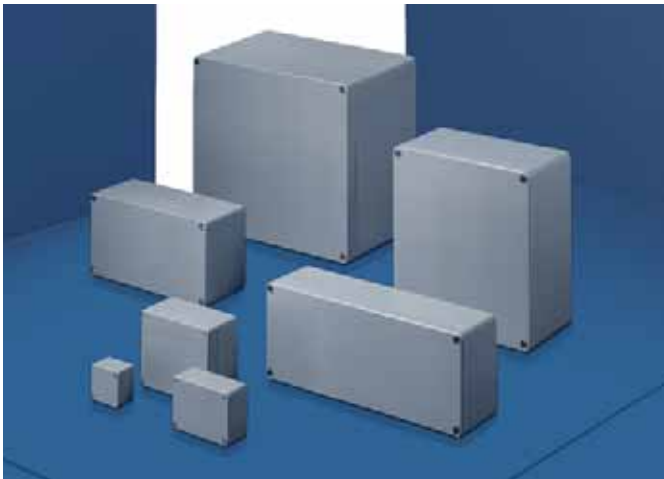
The two support rail sections provide good flexibility for accommodating terminal blocks and installed components.

**Supply includes:**

Two self-tapping assembly screws.

Rail	Rail length mm	Packs of	Model No. PK
TS 15/5.5	49.5	12	<b>9560.000</b>
	80	12	<b>9561.000</b>
	92	12	<b>9562.000</b>
	111	12	<b>9563.000</b>
TS 35/7.5	81	12	<b>9564.000</b>
	106	12	<b>9565.000</b>
	144	12	<b>9566.000</b>
	216	12	<b>9567.000</b>
	336	12	<b>9568.000</b>

# Cast aluminium enclosures GA



**Material:**  
Enclosure and lid made from cast aluminium, lid with neoprene cord seal.

**Surface finish:**  
Textured enamel similar to RAL 7001

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

**Supply includes:**  
2 or 4 cover screws, captive mounted,  
2 or 4 screws for the attachment of support rails, mounting plates etc.,  
1 screw for connection of the PE conductor.



**Rittal service:**

Individual standard solutions for enclosures and covers

- Hole drilling
- Thread tapping
- Milling
- Screen printing
- Engraving
- Choice of RAL colours and other surface finishes available on request.

**Detailed drawing,**  
see page 1174.

<b>Width (B1) mm</b>	50	58	98	150	75	125	175	250	122	Page
<b>Height (H1) mm</b>	45	64	64	64	80	80	80	80	120	
<b>Depth (T1) mm</b>	30	36	36	36	57	57	57	57	80	
<b>Model No. GA</b>	<b>9100.210</b>	<b>9101.210</b>	<b>9102.210</b>	<b>9103.210</b>	<b>9104.210</b>	<b>9105.210</b>	<b>9106.210</b>	<b>9107.210</b>	<b>9108.210</b>	
Packs of	6	5	3	2	1	1	1	1	1	

<b>Accessories</b>										
Mounting plate	-	-	-	-	-	9105.700	-	-	9108.700	115
Packs of	-	-	-	-	-	10	-	-	2	
Support rail <sup>1)</sup>	TS 15/5.5 (Packs of 10)	-	-	-	-	9105.150	-	-	-	115
	TS 35/7.5 (Packs of 5)	-	-	-	-	-	-	-	9108.350	115
Wall mounting brackets (Packs of 2)	-	-	-	-	-	-	-	-	9121.122	115
Exterior hinge (Packs of 2)	-	-	-	-	-	-	-	-	9123.000	115

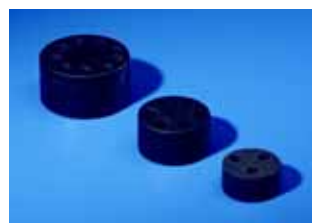
<b>Width (B1) mm</b>	220	360	160	260	360	200	280	330	330	Page
<b>Height (H1) mm</b>	120	122	160	160	160	230	230	230	230	
<b>Depth (T1) mm</b>	90	80	90	90	90	110	110	110	180	
<b>Model No. GA</b>	<b>9110.210</b>	<b>9111.210</b>	<b>9112.210</b>	<b>9113.210</b>	<b>9114.210</b>	<b>9116.210</b>	<b>9117.210</b>	<b>9118.210</b>	<b>9119.210</b>	
Packs of	1	1	1	1	1	1	1	1	1	

<b>Accessories</b>										
Mounting plate	9110.700	-	9112.700	9113.700	9114.700	9116.700	9117.700	9118.700	9118.700	115
Packs of	2	-	2	2	1	1	1	1	1	
Support rail <sup>1)</sup>	TS 35/7.5 (Packs of 5)	9110.350	-	9112.350	-	-	-	-	-	115
Wall mounting brackets (Packs of 2)	9121.122	9121.122	9121.160	9121.160	9121.160	9121.230	9121.230	9121.230	9121.230	115
Exterior hinge (Packs of 2)	9123.000	9123.000	9123.000	9123.000	9123.000	9123.000	9123.000	9123.000	9123.000	115

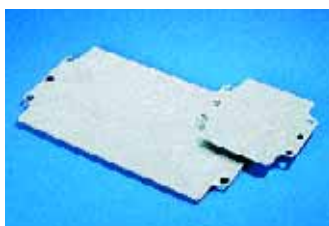
<sup>1)</sup> Installation in the width



**Cable gland, brass,**  
Model No. see page 1054.



**Multi-seal inserts,**  
Model No. see page 1055.



### Mounting plate

for universal interior installation.

**Material:**

Sheet steel, zinc-plated, passivated, with attachment holes.

Exterior dimensions mm		For enclosure	Packs of	Model No. GA
Width	Height			
114	69	GA 9105.210	10	<b>9105.700</b>
109	107	GA 9108.210	2	<b>9108.700</b>
207	107	GA 9110.210	2	<b>9110.700</b>
144	142	GA 9112.210	2	<b>9112.700</b>
245	142	GA 9113.210	2	<b>9113.700</b>
346	142	GA 9114.210	1	<b>9114.700</b>
183	214	GA 9116.210	1	<b>9116.700</b>
264	214	GA 9117.210	1	<b>9117.700</b>
314	214	GA 9118.210/GA 9119.210	1	<b>9118.700</b>



### Support rail

To accommodate terminal blocks or other installed equipment.

**Material:**

Sheet steel, zinc-plated, passivated.

Rail	Rail length available for population mm	For enclosure width mm	Packs of	Model No. GA
TS 15/5.5 to EN 50 045	95	125	10	<b>9105.150</b>
TS 35/7.5 to EN 50 022	80	122	5	<b>9108.350</b>
	115	160	5	<b>9112.350</b>
	180	220	5	<b>9110.350</b>



### Wall mounting bracket

For external mounting to surfaces – no need to dismantle the lid if pre-assembled.

**Material:**

Sheet steel, zinc-plated, passivated

For enclosure	Packs of	Model No. GA
GA 9108.210/ GA 9110.210/ GA 9111.210	2	<b>9121.122</b>
GA 9112.210/ GA 9113.210/ GA 9114.210	2	<b>9121.160</b>
GA 9116.210/ GA 9117.210/ GA 9118.210/ GA 9119.210	2	<b>9121.230</b>

### Hinge, exterior

For fastening the lid to the enclosure base.

**Material:**

Die-cast aluminium

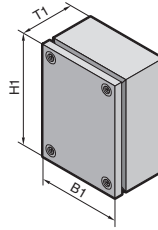
**Colour:**

RAL 7001

For enclosure	Packs of	Model No. GA
GA 9108.210/ GA 9110.210/ GA 9111.210/ GA 9112.210/ GA 9113.210/ GA 9114.210/ GA 9116.210/ GA 9117.210/ GA 9118.210/ GA 9119.210	2 + 8 screws	<b>9123.000</b>

# Terminal boxes KL

without gland plate, depth: 80



Terminal boxes KL

1.1 B

**Material:**  
Enclosure: Sheet steel 1.25 mm  
Cover: Sheet steel 1.25 mm

**Surface finish:**  
Enclosure and cover:  
Dipcoat-primed,  
powder-coated in textured  
RAL 7035 on the outside

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

**Supply includes:**  
Enclosure, cover with all-round  
foamed-in PU seal and quick-  
action screws, including plastic  
bushes.

**Approvals,**  
see page 25.

**Detailed drawing,**  
see page 1175.

Width (B1) mm	Packs of	150	200	200	300	300	400	600	Page
Height (H1) mm		150	150	200	150	200	200	200	
Depth (T1) mm		80	80	80	80	80	80	80	
Model No. KL	1	<b>1514.510</b>	<b>1528.510</b>	<b>1516.510</b>	<b>1515.510</b>	<b>1517.510</b>	<b>1518.510</b>	<b>1519.510</b>	
Weight (kg)		1.4	1.6	1.9	2.1	2.6	3.2	4.6	

Accessories									
Mounting plate	1	1560.700	1575.700	1562.700	1561.700	1563.700	1564.700	1566.700	978
Support rail TS 35/7.5	10	2314.000	2315.000	2315.000	2316.000	2316.000	2317.000	–	1002
Support rail TS 35/15	10	–	–	–	–	–	–	2319.000	1002
Cover retainer	3 pairs	1591.000	1591.000	1591.000	1591.000	1591.000	1591.000	1591.000	962
Cover hinge	6	1592.000	1592.000	1592.000	1592.000	1592.000	1592.000	1592.000	962
Earthing set	5	2570.100	2570.100	2570.100	2570.100	2570.100	2570.100	2570.100	1036

To order terminal boxes in textured RAL 7032 please add extension .210 to the Model No., and for primed terminal boxes use extension .310.  
Delivery times available on request.



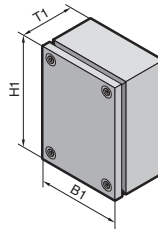
**Double-membrane gland,  
stepped collar** for cable entry,  
Model No. see page 1058.



**Earthing set for KL,**  
comprising all the parts needed  
for earthing of the cover.  
Model No. see page 1036.

# Terminal boxes KL

without gland plate, depth: 120



**Material:**

Enclosure: Sheet steel 1.25 mm;  
1.38 mm for KL 1507.510 to  
KL 1513.510  
Cover: Sheet steel 1.25 mm

**Surface finish:**

Enclosure and cover:  
Dipcoat-primed,  
powder-coated in textured  
RAL 7035 on the outside

**Protection category:**

IP 66 to EN 60 529/09.2000,  
complies with NEMA 4.

**Supply includes:**

Enclosure, cover with all-round  
foamed-in PU seal and quick-  
action screws, including plastic  
bushes.

**Approvals,**  
see page 25.

**Detailed drawing,**  
see page 1175.

<b>Width (B1) mm</b>	Packs of	150	200	200	300	300	300	400	400	400	400	Page
<b>Height (H1) mm</b>		150	150	200	150	200	300	150	200	300	400	
<b>Depth (T1) mm</b>		120	120	120	120	120	120	120	120	120	120	
<b>Model No. KL</b>	1	<b>1500.510</b>	<b>1529.510</b>	<b>1502.510</b>	<b>1501.510</b>	<b>1503.510</b>	<b>1507.510</b>	<b>1589.510</b>	<b>1504.510</b>	<b>1508.510</b>	<b>1511.510</b>	
Weight (kg)		1.6	1.8	2.3	2.6	3.0	4.0	3.2	3.6	4.8	6.2	

**Accessories**

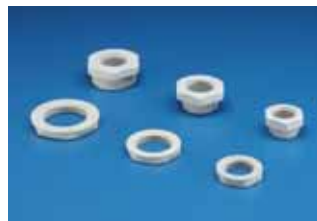
Mounting plate	1	1560.700	1575.700	1562.700	1561.700	1563.700	1567.700	1576.700	1564.700	1568.700	1571.700	978
Support rail TS 35/7.5	10	2314.000	2315.000	2315.000	2316.000	2316.000	2316.000	2317.000	2317.000	2317.000	2317.000	1002

<b>Width (B1) mm</b>	Packs of	500	500	600	600	600	800	800	Page
<b>Height (H1) mm</b>		200	300	200	300	400	200	400	
<b>Depth (T1) mm</b>		120	120	120	120	120	120	120	
<b>Model No. KL</b>	1	<b>1505.510</b>	<b>1509.510</b>	<b>1506.510</b>	<b>1510.510</b>	<b>1512.510</b>	<b>1527.510</b>	<b>1513.510</b>	
Weight (kg)		4.4	5.8	5.7	6.8	8.4	6.8	11.0	

**Accessories**

Mounting plate	1	1565.700	1569.700	1566.700	1570.700	1572.700	1574.700	1573.700	978
Support rail TS 35/15	10	2318.000	2318.000	2319.000	2319.000	2319.000	-	-	1002
Cover retainer	3 pairs	1591.000	1591.000	1591.000	1591.000	1591.000	1591.000	1591.000	962
Cover hinge	6	1592.000	1592.000	1592.000	1592.000	1592.000	1592.000	1592.000	962
Earthing set	5	2570.100	2570.100	2570.100	2570.100	2570.100	2570.100	2570.100	1036

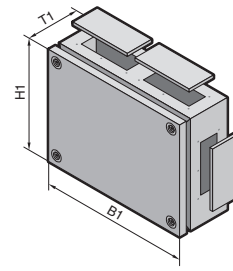
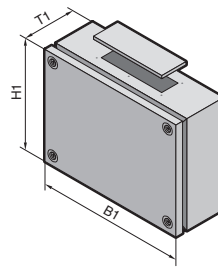
To order terminal boxes in textured RAL 7032 please add extension .210 to the Model No., and for primed terminal boxes use extension .310.  
Delivery times available on request.



**Cable glands, reducers and  
multi-seal inserts,**  
Model No. see page 1054 –  
1055.

# Terminal boxes KL

with gland plate, depth: 120



Terminal boxes KL

**Material:**  
Enclosure: Sheet steel 1.38 mm;  
1.25 mm for KL 1530.510 to  
KL 1534.510 and KL 1542.510  
Cover: Sheet steel 1.25 mm

**Surface finish:**  
Enclosure and cover: Dipcoat-  
primed, powder-coated on the  
outside in textured RAL 7035

**Protection category:**  
IP 55 to EN 60 529/09.2000,  
complies with NEMA 12.

**Supply includes:**  
Enclosure with gland apertures,  
cover with foamed-in special  
seal and quick-action screws  
including plastic bushes,  
sheet steel gland plates with  
seals and assembly parts.

**Approvals,**  
see page 25.

**Detailed drawing,**  
see page 1175.

Width (B1) mm	Packs of	300	300	300	400	400	400	Page
Height (H1) mm		150	200	300	200	300	400	
Depth (T1) mm		120	120	120	120	120	120	
Model No. KL	1	<b>1530.510</b>	<b>1531.510</b>	<b>1535.510</b>	<b>1532.510</b>	<b>1536.510</b>	<b>1539.510</b>	
Weight (kg)		2.7	3.3	4.5	4.0	5.2	6.7	

**Accessories**

Mounting plate	1	1561.700	1563.700	1567.700	1564.700	1568.700	1571.700	978
Gland plate (top + bottom)	Size	2	2	2	2	2	2	from 1048
	Qty.	1 + 1	1 + 1	1 + 1	1 + 1	1 + 1	1 + 1	
Gland plate (left + right)	Size	-	-	2	-	2	2	from 1048
	Qty.	-	-	1 + 1	-	1 + 1	1 + 1	
Support rail TS 35/7.5	10	2316.000	2316.000	2316.000	2317.000	2317.000	2317.000	1002

Width (B1) mm	Packs of	500	500	600	600	600	800	800	Page
Height (H1) mm		200	300	200	300	400	200	400	
Depth (T1) mm		120	120	120	120	120	120	120	
Model No. KL	1	<b>1533.510</b>	<b>1537.510</b>	<b>1534.510</b>	<b>1538.510</b>	<b>1540.510</b>	<b>1542.510</b>	<b>1541.510</b>	
Weight (kg)		4.9	5.2	5.9	7.7	9.0	7.2	12.0	

**Accessories**

Mounting plate	1	1565.700	1569.700	1566.700	1570.700	1572.700	1574.700	1573.700	978
Gland plate (top + bottom)	Size	2	2	2	2	2	2	2	from 1048
	Qty.	2 + 2	2 + 2	2 + 2	2 + 2	2 + 2	3 + 3	3 + 3	
Gland plate (left + right)	Size	-	2	-	2	2	-	2	from 1048
	Qty.	-	1 + 1	-	1 + 1	1 + 1	-	1 + 1	
Support rail TS 35/15	10	2318.000	2318.000	2319.000	2319.000	2319.000	-	-	1002
Cover retainer	3 pairs	1591.000	1591.000	1591.000	1591.000	1591.000	1591.000	1591.000	962
Cover hinge	6	1592.000	1592.000	1592.000	1592.000	1592.000	1592.000	1592.000	962
Earthing set	5	2570.100	2570.100	2570.100	2570.100	2570.100	2570.100	2570.100	1036

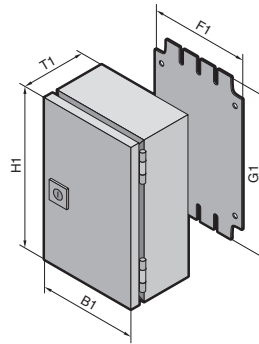
To order terminal boxes in textured RAL 7032 please add extension .210 to the Model No., and for primed terminal boxes use extension .310. Delivery times available on request.



**Cover hinge**  
The cover hinge is simply  
screwed to the enclosure  
protection channel and to the  
bottom edge of the cover.  
Model No. see page 962.



**Cover retainer**  
The cover retainer is easily fitted  
without drilling, and allows the  
covers to be opened upwards,  
even when the terminal box  
below is bayed.  
Model No. see page 962.



**Material:**

Sheet steel  
Enclosure: 1.25 mm;  
1.38 mm for EB 1555.500,  
EB 1556.500, EB 1577.500 to  
EB 1579.500

**Surface finish:**

Enclosure and door:  
Dipcoat-primed,  
powder-coated in textured  
RAL 7035 on the outside  
Mounting plate: Zinc-plated

**Protection category:**

IP 66 to EN 60 529/09.2000,  
complies with NEMA 4.

**Supply includes:**

Enclosure with mounting plate,  
door including 180° hinges and  
cam lock with double-bit insert.

**Approvals,**  
see page 25.

**Detailed drawing,**  
see page 1176.

**Depth 80 mm**

<b>Width (B1) mm</b>	Packs of	150	150	200	200	200
<b>Height (H1) mm</b>		150	300	200	300	400
<b>Depth (T1) mm</b>		80	80	80	80	80
Mounting plate width (F1) mm		125	125	175	175	175
Mounting plate height (G1) mm		135	285	185	285	385
<b>Model No. EB</b>	1	<b>1551.500</b>	<b>1545.500</b>	<b>1546.500</b>	<b>1552.500</b>	<b>1547.500</b>
Weight (kg)		1.7	2.6	2.4	3.2	4.4

**Depth 120 mm**

<b>Width (B1) mm</b>	Packs of	150	150	200	200	200	300	300	200
<b>Height (H1) mm</b>		150	300	200	300	400	300	400	500
<b>Depth (T1) mm</b>		120	120	120	120	120	120	120	120
Mounting plate width (F1) mm		125	125	175	175	175	275	275	175
Mounting plate height (G1) mm		135	285	185	285	385	285	385	485
<b>Model No. EB</b>	1	<b>1553.500</b>	<b>1548.500</b>	<b>1549.500</b>	<b>1554.500</b>	<b>1550.500</b>	<b>1555.500</b>	<b>1556.500</b>	<b>1557.500</b>
Weight (kg)		2.0	3.0	2.8	3.6	5.0	5.0	6.4	6.2

**Depth 155 mm**

<b>Width (B1) mm</b>	Packs of	300	300	300
<b>Height (H1) mm</b>		400	600	800
<b>Depth (T1) mm</b>		155	155	155
Mounting plate width (F1) mm		275	275	275
Mounting plate height (G1) mm		385	585	785
<b>Model No. EB</b>	1	<b>1577.500</b>	<b>1578.500</b>	<b>1579.500</b>
Weight (kg)		7.1	11.0	13.2

**Lock systems**

Standard double-bit lock insert may be exchanged for lock inserts, type A, see page 956,  
lock cylinder inserts, plastic handles and T handles, type B, see page 954 – 957.

**To order terminal boxes in textured RAL 7032 please add extension .600 to the Model No., and for primed terminal boxes use extension .800. Delivery times available on request.**

# 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			PG version					Metric version			
			Number of PG holes					Model No. BG	Number of metric holes		
W (B)	H	D (T)	9	11	13.5	16	21	M12	M20	M25	
200	300	80	1	8	-	1	1	2	5	2	1583.520
300	300	80	1	14	-	1	1	2	9	2	1584.520
400	300	80	1	18	-	1	2	2	13	3	1585.520
500	300	80	3	-	24	-	-	3	24	-	1586.520

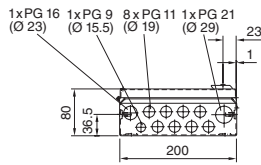
### Lock systems

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.

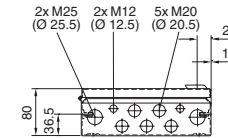
### PG

BG 1583.510

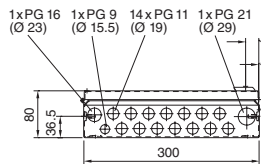


### Metric

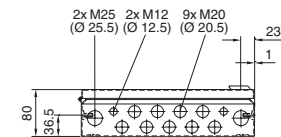
BG 1583.520



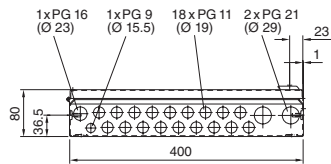
BG 1584.510



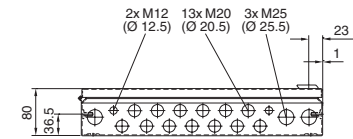
BG 1584.520



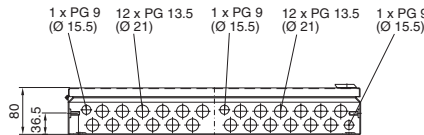
BG 1585.510



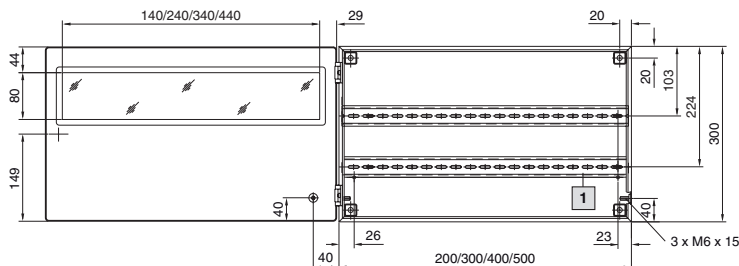
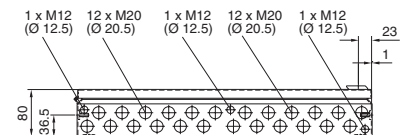
BG 1585.520



BG 1586.510



BG 1586.520



1 Not applicable to BG 1586.510



## 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.

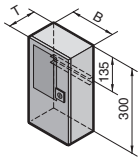
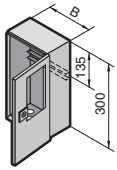


### Accessories:

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

### Approvals,

see page 26.



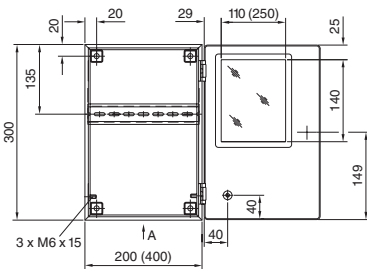
Dimensions in mm			Number of metric holes				Model No. BG
W (B)	H	D (T)	M12	M20	M32	M50	
200	300	120	2	–	5	–	<b>1605.520</b>
400	300	120	–	2	9	1	<b>1606.520</b>

### Lock systems

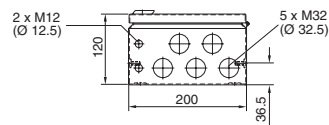
Standard double-bit lock insert may be exchanged for lock inserts, type A, see page 956  
and plastic handles, type B, see page 954.

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

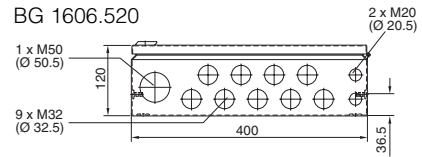
**Delivery times available on request.**



BG 1605.520



BG 1606.520



## 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.

Dimensions in mm			Model No. BG
W (B)	H	D (T)	
400	200	125	<b>1558.510</b>
600	200	125	<b>1559.510</b>

**To order enclosures in RAL 7032, please add the extension .210 to the Model No.**  
**Delivery times available on request.**

### 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.

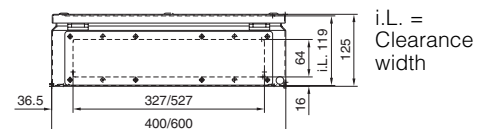
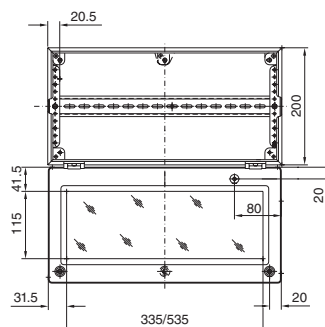
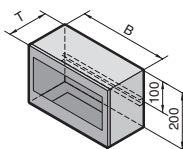
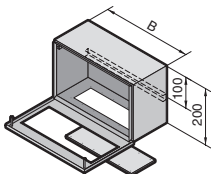


### Accessories:

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

### Approvals,

see page 26.



# Bus enclosures BG



## Bus enclosure

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

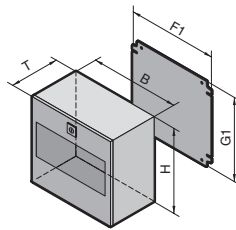
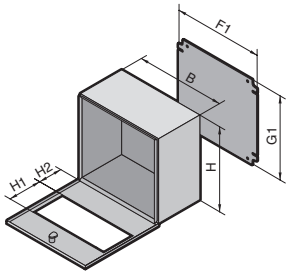
**Surface finish:**  
Enclosure and door:  
Powder-coated in textured RAL 7035

**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.

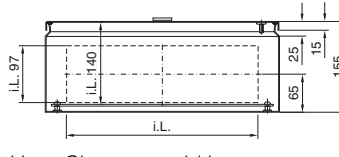
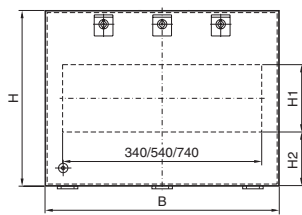


Selection	W (B)	H	D (T)	F1	G1	Cam lock	Heights of viewing windows mm		Gland plate opening clearance width x clearance width 97 <sup>2)</sup>	Model No. EB/BG		
							H1	H2		Basic	Extension	
Step 1: Enclosure dimensions	400	300	155	385	275	1			327 x 97	<b>1577.</b>		
	600	300	155	585	275	2			527 x 97	<b>1578.</b>		
	800	300	155	785	275	2			327 x 97 (2 x)	<b>1579.</b>		
							without viewing window		without		<b>.500</b>	
							115	92	without		<b>.520<sup>1)</sup></b>	
							190	42	without		<b>.530<sup>1)</sup></b>	
Step 2: Modifications							115	92	with, depending on the selected base		<b>.550<sup>1)</sup></b>	
							190	42	with, depending on the selected base		<b>.560<sup>1)</sup></b>	
							155	92	without		<b>.450<sup>1)</sup></b>	

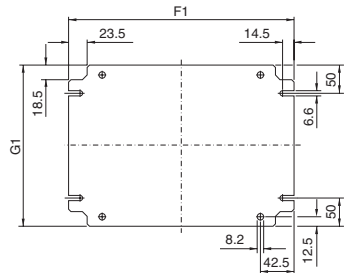
To order enclosures in RAL 7032, please add the extension .6X0 to the Model No.

Delivery times available on request.

<sup>1)</sup> Extended delivery times. <sup>2)</sup> Gland plates 14 mm larger all round.



i.L. = Clearance width



## 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

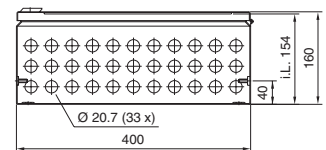
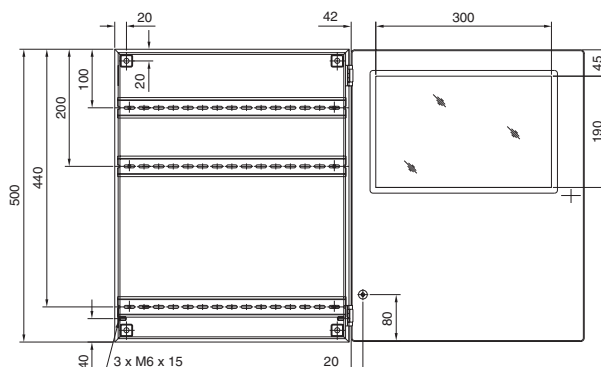
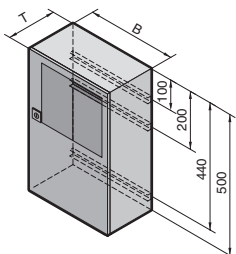
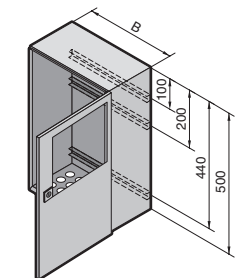
**Protection category:**  
IP 65 to EN 60 529/09.2000,  
complies with NEMA 12.

**Approvals,**  
see page 27.

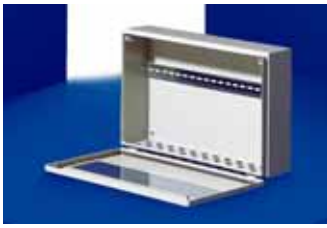
Dimensions in mm			Number of drilled holes for PG 13.5 or M20	Model No. BG
W (B)	H	D (T)		
400	500	160	33	<b>1611.510</b>

To order enclosures in RAL 7032, please add the extension .210 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 TS 35/7.5.  
Holes for screwed cable glands in the base.



i.L. = Clearance width



## 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.

Dimensions in mm			Number of drilled holes for PG 13.5 or M20	Model No. BG
W (B)	H	D (T)		
500	300	120	48	1609.510

To order enclosures in RAL 7032, please add the extension .210 to the Model No. Delivery times available on request.

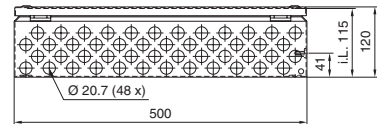
### Supply includes:

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.

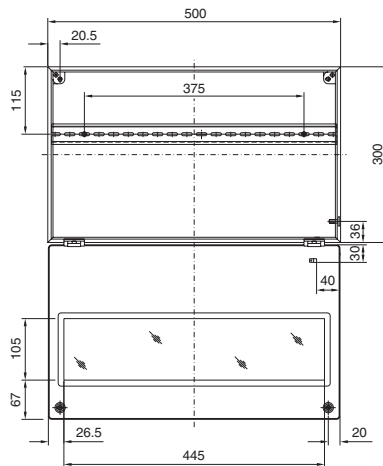
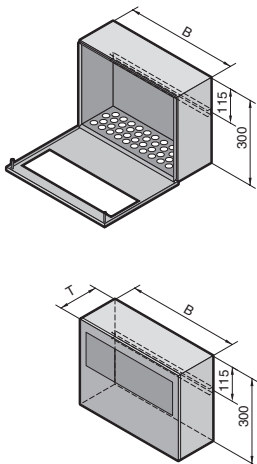
### + Accessories:

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

Approvals, see page 27.



i.L. = Clearance width



## 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).

Width mm	Height mm	Depth (T) mm	Model No. BG
500	500	210	1050.900

Delivery times available on request.

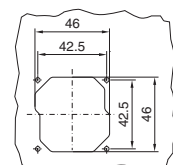
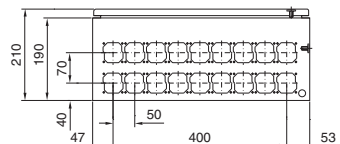
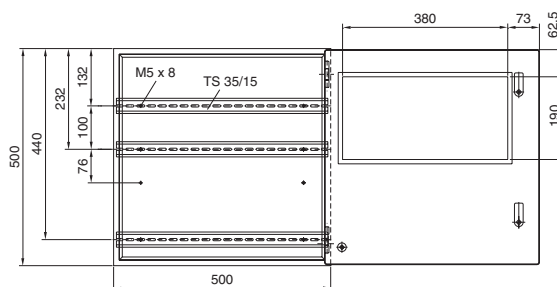
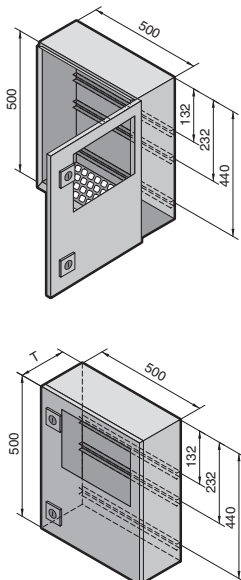
### Supply includes:

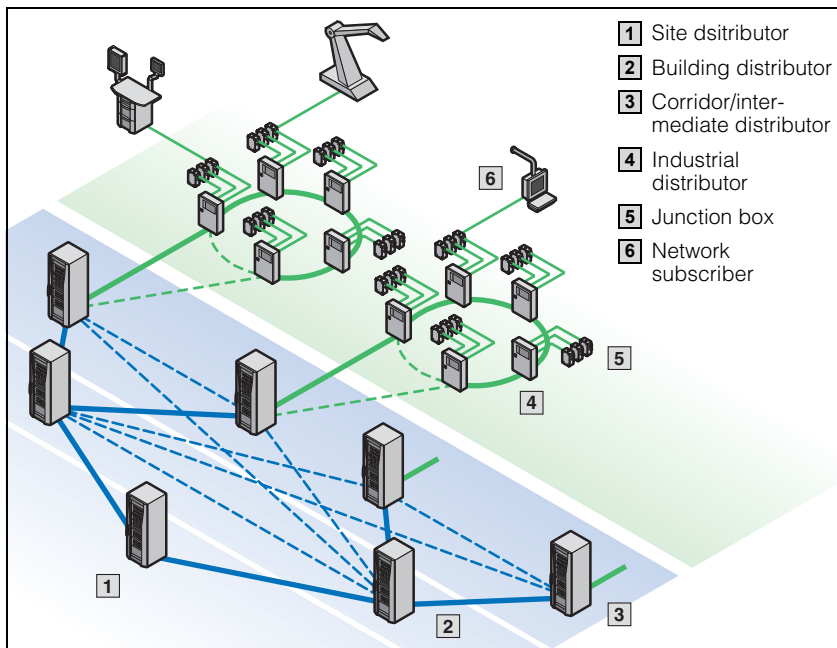
18 cut-outs in the base for module plates,  
pre-configured top-hat rail for bus systems  
(I/O modules, motor starters) and terminal blocks.  
Door with viewing panel for visual monitoring of  
the installed components.

### ! Also required:

Module plates,  
see page 1051.

Approvals,  
see page 27.





## RiLAN Industrial IN – The solution for industrial networks.

### Perfect protection for industrial networks

The migration of Ethernet into the industrial sector is in full swing. In future, company-wide networks will ensure a direct link between production and the office environment. The link between IT and machine is made by the RiLAN connection sockets and industrial distributors, which may be individually adapted to local requirements with an extensive range of installation accessories. In this way, the networks are protected from stress factors such as dust, oil mist and heat.

### Fast and service-friendly

In order to avoid expensive downtime, RiLAN Industrial IN is designed for speed and flexibility in every detail. All key components of the structured wiring may be accessed quickly and easily from one side.



## Junction box IP 67

### Plastic

The RJ 45 connector pattern of the junction box is PROFINET-compatible and authorised for industrial applications in ISO/IEC 24 702.

For use in areas with more demanding requirements in terms of protection category, such as

- Industrial plant
- Warehouses and assembly halls
- Laboratories and workshops

### Design:

- Robust enclosure for surface-mounting
- 2 RJ 45 jacks for cable AWG 22 – 24 (solid/flexible), Category 6 to ISO/IEC 11801:2002 and EN 50 173-1
- Cable infeed from above or below via cable glands
- Integral cable manager for secure cable routing
- Insulation stripping aid
- Protective flaps, captive, self-closing
- Option for adding a lead seal
- Watertight label panel



Packs of	Model No. IN
1	2203.500

### Dimensions

W x H x D: 90 x 152 x 69 mm

### Material:

Polycarbonate, impact-resistant, halogen-free, UL 94-V0

### Colour:

RAL 9011

### Protection category:

IP 67 to EN 60 529/09.2000

### Supply includes:

Enclosure with cable manager, 2 RJ 45 jacks, 2 cable glands, 1 sealing bung, assembly instructions.



## Junction box IP 65

### Cast aluminium

Robust junction box for use in areas with more demanding requirements in terms of protection category and impact resistance. The RJ 45 connector layout is authorised to ISO/IEC 24 702 for applications in the area of IEC 61 918.

### Design:

- Robust enclosure for surface-mounting
- 2 side slots RJ 45 (right) Category 5 to ISO/IEC 11801:2002 and EN 50 173-1
- Connection via LSA connection strips on PCB
- Cable infeed via two M20 cable glands, capacity 5 – 13 mm

Packs of	Model No. IN
1	2203.600

### Dimensions

W x H x D: 80 x 125 x 57 mm (enclosure only)

### Material:

Cast aluminium

### Colour:

RAL 7035

### Protection category:

IP 65 EN 60 529/09.2000

### Supply includes:

Enclosure with PCB and integral RJ 45 jacks, 2 cable glands M20, 1 sealing bung.



## Empty enclosure for industrial distributor

W x H x D: 600 x 760 x 210 mm

Provides space for Ethernet connection of 24 subscribers with patch panel.

### Material:

Sheet steel

### Surface finish:

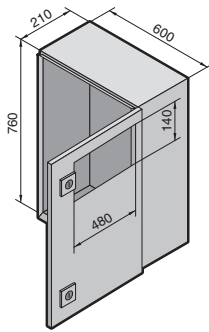
Enclosure and door:  
Dipcoat-primed, powder-coated in textured RAL 7035 on the outside  
Mounting plate: Zinc-plated

### Protection category:

IP 56/54 to EN 60 529/09.2000  
(depending on the gland plate fitted).

### Supply includes:

Enclosure, one-door, without gland plate in the enclosure base, r/h door hinge, with 2 cam locks, polycarbonate viewing panel, foamed-in door seal, mounting plate.



Packs of	Model No. IN
1	1076.290 <sup>1)</sup>

<sup>1)</sup> Stainless steel and plastic versions available on request.

### + Accessories:

Metal gland plate, size 5	Packs of	Model No. IN	Page
Solid	1	2563.150	1050
Pre-punched	1	2203.010	1050
With cable glands	1	2203.020	1050
With grommets	1	2203.030	1050
Patch panels with 1/2/8 slots, see page 1106			
Fibre-optic splicing cassette support, see page 1114			

### ✍ Rittal service:

Mounting of components available from Rittal. Cut-outs, e. g. for interface flaps, see page 1150 and signal pillars, see page 1125.

**Detailed drawing,**  
see page 1176.



## Empty enclosure for industrial distributor

W x H x D: 600 x 300 x 125 mm

Provides space for Ethernet connection of

- up to 24 users without patch panel
- up to 12 users with patch panel

### Material:

Sheet steel

### Surface finish:

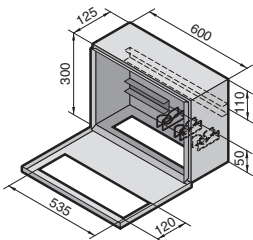
Enclosure and cover:  
Dipcoat-primed, powder-coated in textured RAL 7035 on the outside

### Protection category:

IP 65/54 to EN 60 529/09.2000  
(with fitted gland plate)

### Supply includes:

Enclosure, without gland plate in the enclosure base, lid hinged at the bottom, opening angle of lid limited to 90° by a retaining cord, 3 quick-release fasteners for screwdrivers, polycarbonate viewing panel, foamed-in lid seal, 2 fitted support rails TS 35/7.5 (590 and 150 mm long), 3 fitted cable shunting rings DK 7112.000.



Packs of	Model No. IN
1	1510.280

### + Accessories:

Metal gland plate, size 6	Packs of	Model No. IN	Page
Solid	1	2207.010	1050
Pre-punched	1	2207.020	1050
With cable glands	1	2207.030	1050
Patch panels with 1/2 slots, see page 1106			

### ✍ Rittal service:

Mounting of components available from Rittal. Cut-outs, e. g. for interface flaps, see page 1150 and signal pillars, see page 1125.