

# Rittal – The System.

Faster – better – everywhere.

## **Fast Find** Rittal Industrial Solutions



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



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Faster – better – everywhere.

## Enclosures from the smallest to the largest

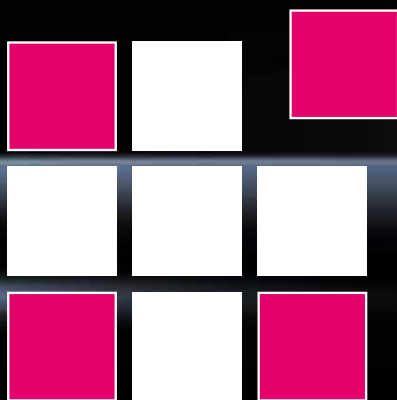
As a system provider, Rittal is the world's leading supplier of innovative enclosure technology. Rittal meets very high standards of security, ergonomics, energy and cost efficiency.

- **Faster** – Software tools for efficient engineering and a huge range of products available for immediate delivery
- **Better** – A comprehensive range of system accessories for individual installation and fast assembly
- **Everywhere** – A contiguous global delivery and service network

Our strategy is based on a system of comprehensive solutions to address all requirements of our customers.

Rittal offers you a complete solution with a unique system. All planning, engineering and service following one basic principle:

- **Service and Support**
- **Software and Planning**
- **Products**



**Our Expertise.  
Your Benefit.**





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Blue e+	20-23
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# Polycarbonate enclosures PK



## Material:

- Housing of fibre-glass reinforced polyamide
- Cover either transparent (version .100) or grey (version .000), made from fibre-glass reinforced polycarbonate
- Cover screws from polyamide
- Insulating bung from polyethelene
- All-round foamed-in PU seal

## Colour:

- RAL 7035

## Protection category:

- IP 66 to IEC 60529

## Supply includes:

- Enclosure with cover
- Cover screws
- Insulating bungs for wall mounting screws

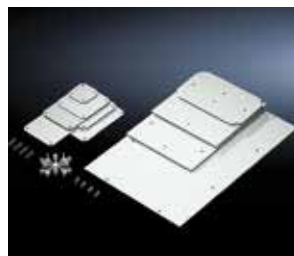
## Approvals:

- UL
- cUL

## Detailed drawings:

- Available on the internet.

Dimensions mm			Model No. PK	Packs of	Accessories					
W	H	D			Cover trans	grey	Mounting plate	Wall mounting bracket	Turn lock fasteners	Hinges
65	65	57	9500.000	12	-	-	-	9583.000	9582.000	9580.000
94	65	57	9502.000	8	-	-	-	9583.000	9582.000	9580.000
94	94	57	9504.000	6	-	-	9564.000	9583.000	9582.000	9580.000
94	94	81	9505.000	6	-	-	9564.000	9583.000	9582.000	9580.000
110	110	66	9506.000	6	-	-	9564.000	9583.000	9582.000	9580.000
110	110	90	9507.000	6	-	-	9564.000	9583.000	9582.000	9580.000
130	94	57	9508.000	4	-	•	-	9583.000	9582.000	9580.000
130	94	81	9509.000	4	-	•	-	9583.000	9582.000	9580.000
130	130	75	9510.000	4	-	•	9545.000	9583.000	9582.000	9580.000
130	130	99	9511.000	4	-	•	9545.000	9583.000	9582.000	9580.000
180	94	57	9512.000	2	-	•	-	9583.000	9582.000	9580.000
180	94	81	9513.000	2	-	•	-	9583.000	9582.000	9580.000
180	110	90	9514.000	2	-	•	9547.000	9583.000	9582.000	9581.000
180	110	90	9514.100	2	•	-	9547.000	9583.000	9582.000	9581.000
180	110	111	9515.000	2	-	•	9547.000	9583.000	9582.000	9581.000
180	110	111	9515.100	2	•	-	9547.000	9583.000	9582.000	9581.000
180	110	165	9516.000	2	•	•	9547.000	9583.000	9582.000	9581.000
180	110	165	9516.100	2	•	-	9547.000	9583.000	9582.000	9581.000
182	180	90	9517.000	1	-	•	9548.000	9583.000	9582.000	9581.000
182	180	90	9517.100	1	•	-	9548.000	9583.000	9582.000	9581.000
182	180	111	9518.000	1	-	•	9548.000	9583.000	9582.000	9581.000
182	180	111	9518.100	1	•	-	9548.000	9583.000	9582.000	9581.000
182	180	165	9519.000	1	-	•	9548.000	9583.000	9582.000	9581.000
182	180	165	9519.100	1	•	-	9548.000	9583.000	9582.000	9581.000
254	180	90	9520.000	1	-	•	9549.000	9583.000	9582.000	9581.000
254	180	90	9520.100	1	•	-	9549.000	9583.000	9582.000	9581.000
254	180	111	9521.000	1	-	•	9549.000	9583.000	9582.000	9581.000
254	180	111	9521.100	1	•	-	9549.000	9583.000	9582.000	9581.000
254	180	165	9522.000	1	-	•	9549.000	9583.000	9582.000	9581.000
254	180	165	9522.100	1	•	-	9549.000	9583.000	9582.000	9581.000
360	254	111	9523.000	1	-	•	9550.000	9583.000	9582.000	9581.000
360	254	111	9523.100	1	•	-	9550.000	9583.000	9582.000	9581.000
360	254	165	9524.000	1	-	•	9550.000	9583.000	9582.000	9581.000
360	254	165	9524.100	1	•	-	9550.000	9583.000	9582.000	9581.000



## Mounting plate

For universal interior installation

### Material:

2.5mm melamine phenol-coated laminated paper

### Colour:

RAL 7035

### Supply includes:

- Mounting plate
- Self tapping assembly screws



## Support rail

The support rail section provides good flexibility for accommodating terminal blocks and installed components

### Colour:

Similar to RAL 7035

### Supply includes:

- Support rails
- Self tapping assembly screws



## 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 simply using pins

### Colour:

RAL 7035

### Supply includes:

1 Pack 40 pieces

### Material:

Polyamide, grey



## Hinges

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

### Colour:

Similar to RAL 7035

### Supply includes:

- 1 set
- 2 hinges 4 assembly screws
- 4 polyethylene sealing bungs
- 1 drilling template

# Terminal boxes KL



## Material:

- Enclosure: sheet steel
- Cover: Sheet steel, all-round foamed-in PU seal

## Surface finish:

- Enclosure and cover: Dipcoat-primed, powder coated on the outside, textured paint

## Supply includes:

- Enclosure with cover
- Quick-action screw including plastic bushes
- For enclosures with gland plate plus sheet steel gland plates with seals and assembly parts

## Colour:

- RAL 7035

## Protection category:

- Without gland plate: IP66 to IEC 60529, complies with NEMA 4
- With gland plate: IP55 to IEC 60529, complies with NEMA 12

## Approvals:

- UL
- CSA
- TÜV
- Germanischer Lloyd
- Russian Maritime Register of Shipping
- Lloyds Register of Shipping
- Bureau Veritas
- VDE

## Detailed drawings:

- Available on the internet.

Dimensions mm			Material Thickness		Model No. KL	Gland Plate	Weight (kg)	Gland Plate				Accessories						
W	H	D	W	H				Top	Bottom	Left	Right	Mounting Plate	Support Rail TS 35/15	Cover Retainer	Cover Hinge	Earthing Set	Wall mounting bracket with 8mm distance from wall	Optional quick-release fastener for KL PK12
150	150	80	1,25	1,25	1514.510	-	1,4					1560.700	2314.000	-	1591.000	2570.100	1590.000	1593.000
200	150	80	1,25	1,25	1528.510	-	1,6					1575.700	2315.000	-	1591.000	2570.100	1590.000	1593.000
200	200	80	1,25	1,25	1516.510	-	1,9					1562.700	2315.000	-	1591.000	2570.100	1590.000	1593.000
300	150	80	1,25	1,25	1515.510	-	2,1					1561.700	2316.000	-	1591.000	2570.100	1590.000	1593.000
300	200	80	1,25	1,25	1517.510	-	2,6					1563.700	2316.000	-	1591.000	2570.100	1590.000	1593.000
400	200	80	1,25	1,25	1518.510	-	3,2					1564.700	2317.000	-	1591.000	2570.100	1590.000	1593.000
600	200	80	1,25	1,25	1519.510	-	4,6					1566.700	-	2319.000	1591.000	2570.100	1590.000	1593.000
150	150	120	1,25	1,25	1500.510	-	1,6	-	-			1560.700	2314.000		1591.000	2570.100	1590.000	1593.000
200	150	120	1,25	1,25	1529.510	-	1,8	-	-			1575.700	2315.000		1591.000	2570.100	1590.000	1593.000
200	200	120	1,25	1,25	1502.510	-	2,3	-	-			1562.700	2315.000		1591.000	2570.100	1590.000	1593.000
300	150	120	1,25	1,25	1501.510	-	2,6	-	-			1561.700	2316.000		1591.000	2570.100	1590.000	1593.000
300	150	120	1,25	1,25	1530.510	•	2,7	2	1	+	1	1561.700	2316.000		1591.000	2570.100	1590.000	1593.000
300	200	120	1,25	1,25	1503.510	-	3,0	-	-			1563.700	2316.000		1591.000	2570.100	1590.000	1593.000
300	200	120	1,25	1,25	1531.510	•	3,3	2	1	+	1	1563.700	2316.000		1591.000	2570.100	1590.000	1593.000
300	300	120	1,38	1,25	1507.510	-	4,0	-	-			1567.700	2316.000		1591.000	2570.100	1590.000	1593.000
300	300	120	1,38	1,25	1535.510	•	4,5	2	1	+	1	1567.700	2316.000		1591.000	2570.100	1590.000	1593.000
400	150	120	1,25	1,25	1589.510	-	3,2	-	-			1576.700	2317.000		1591.000	2570.100	1590.000	1593.000
400	200	120	1,25	1,25	1504.510	-	3,6	-	-			1564.700	2317.000		1591.000	2570.100	1590.000	1593.000
400	200	120	1,25	1,25	1532.510	•	4,0	2	1	+	1	1564.700	2317.000		1591.000	2570.100	1590.000	1593.000
400	300	120	1,38	1,25	1508.510	-	4,8	-	-			1568.700	2317.000		1591.000	2570.100	1590.000	1593.000
400	300	120	1,38	1,25	1536.510	•	5,2	2	1	+	1	1568.700	2317.000		1591.000	2570.100	1590.000	1593.000
400	400	120	1,38	1,25	1511.510	-	6,2	-	-			1571.700	2317.000		1591.000	2570.100	1590.000	1593.000
400	400	120	1,38	1,25	1539.510	•	6,7	2	1	+	1	1571.700	2317.000		1591.000	2570.100	1590.000	1593.000
500	200	120	1,25	1,25	1505.510	-	4,4	-	-			1565.700	2318.000		1591.000	2570.100	1590.000	1593.000
500	200	120	1,25	1,25	1533.510	•	4,9	2	2	+	2	1565.700	2318.000		1591.000	2570.100	1590.000	1593.000
500	300	120	1,38	1,25	1509.510	-	5,8	-	-			1569.700	2318.000		1591.000	2570.100	1590.000	1593.000
500	300	120	1,38	1,25	1537.510	•	5,2	2	2+2			1569.700	2318.000		1591.000	2570.100	1590.000	1593.000
600	200	120	1,25	1,25	1506.510	-	5,7	-	-			1566.700	2319.000		1591.000	2570.100	1590.000	1593.000
600	200	120	1,25	1,25	1534.510	•	5,9	2	2	+	2	1566.700	2319.000		1591.000	2570.100	1590.000	1593.000
600	300	120	1,38	1,25	1510.510	-	6,8	-	-			1570.700	2319.000		1591.000	2570.100	1590.000	1593.000
600	300	120	1,38	1,25	1538.510	•	7,7	2	2	+	2	1570.700	2319.000		1591.000	2570.100	1590.000	1593.000
600	400	120	1,38	1,25	1512.510	-	8,4	-	-			1572.700	2319.000		1591.000	2570.100	1590.000	1593.000
600	400	120	1,38	1,25	1540.510	•	9,0	2	2+2			1572.700	2319.000		1591.000	2570.100	1590.000	1593.000
800	200	120	1,25	1,25	1527.510	-	6,8	-	-			1574.700	-		1591.000	2570.100	1590.000	1593.000
800	200	120	1,25	1,25	1542.510	•	7,2	2	3+3			1574.700	-		1591.000	2570.100	1590.000	1593.000
800	400	120	1,38	1,25	1513.510	-	11	,0	-	-		1573.700	-		1591.000	2570.100	1590.000	1593.000
800	400	120	1,38	1,25	1541.510	•	12,0	2	3+3			1573.700	-		1591.000	2570.100	1590.000	1593.000

# E-box EB



## Material:

- Enclosure: Sheet steel
- Door: Sheet steel, all-round foamed-in PU seal

## Surface finish:

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

## Protection category:

- IP 66 IEC 60 529 complies with NEMA 4

## Supply includes:

- Enclosure with hinged door
- 180° hinge
- Cam lock with 3mm double-bit insert
- Mounting plate

## Approvals:

- UL
- CSA
- TÜV
- Germanischer Lloyd
- Russian Maritime Register of Shipping
- Lloyds Register of Shipping
- Bureau Veritas
- VDE

## Colour:

- RAL 7035

## Detailed drawings:

- Available on the internet.

## Depth 80 mm

Dimensions mm			Mounting Plate mm		Material Thickness mm		Model No. EB	Weight (kg)	Accessories		
W	H	D	W	H	Box	Door			Wall mounting bracket with 8mm distance from wall	Pole clamp	Mounting clip
							1 unit		4 units	1 set	30 units
150	150	80	125	135	1,25	1,25	<b>1551.500</b>	1,7	1590.000	2584.000	2309.000
150	300	80	125	285	1,25	1,25	<b>1545.500</b>	2,6	1590.000	2584.000	2309.000
200	200	80	175	185	1,25	1,25	<b>1546.500</b>	2,4	1590.000	2584.000	2309.000
200	300	80	175	285	1,25	1,25	<b>1552.500</b>	3,2	1590.000	2584.000	2309.000
200	400	80	175	385	1,25	1,25	<b>1547.500</b>	4,4	1590.000	2584.000	2309.000
150	150	120	125	135	1,25	1,25	<b>1553.500</b>	2,0	1590.000	2584.000	2309.000
150	300	120	125	285	1,25	1,25	<b>1548.500</b>	3,0	1590.000	2584.000	2309.000
200	200	120	175	185	1,25	1,25	<b>1549.500</b>	2,8	1590.000	2584.000	2309.000
200	300	120	175	285	1,25	1,25	<b>1554.500</b>	3,6	1590.000	2584.000	2309.000
200	400	120	175	385	1,25	1,25	<b>1550.500</b>	5,0	1590.000	2584.000	2309.000
300	300	120	275	285	1,38	1,25	<b>1555.500</b>	5,0	1590.000	2584.000	2309.000
300	400	120	275	385	1,38	1,25	<b>1556.500</b>	6,4	1590.000	2584.000	2309.000
200	500	120	175	485	1,25	1,25	<b>1557.500</b>	6,2	1590.000	2584.000	2309.000
300	400	155	275	385	1,38	1,25	<b>1577.500</b>	7,1	1590.000	2584.000	2309.000
300	600	155	275	585	1,38	1,25	<b>1578.500</b>	11,0	1590.000	2584.000	2309.000
300	800	155	275	785	1,38	1,25	<b>1579.500</b>	13,2	1590.000	2584.000	2309.000

## Wall mounting bracket



For the attachment of KL, EB, BG and IT enclosures based on EL.

### Supply includes:

Assembly parts for mounting on the enclosure.

### Note:

For hygiene reasons, and in view of protection category, the stainless steel enclosures do not have any drilled holes for the wall mounting brackets.



For mounting KL, EB, BG, AE, CM, IT enclosures based on EL and AE, TP consoles and small fiberoptic distributors.

### Supply includes:

Assembly parts for mounting on the enclosure.

### Note:

For hygiene reasons, and in view of protection category, the stainless steel enclosures do not have any drilled holes for the wall mounting brackets.

## Plastic handles



With or without lock cylinder insert..

### Supply includes:

Assembly parts and seals.

# Compact enclosures AE



## Material:

- Enclosure: Sheet steel
- Door: Sheet Steel, all-round foamed-in PU seal

## Surface finish:

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

## Approvals:

- UL
- CSA
- TÜV
- Germanischer Lloyd
- Russian Maritime Register of Shipping
- Lloyds Register of Shipping
- Bureau Veritas
- VDE

## Protection category:

- See tables

## Supply includes:

- Enclosure with hinged door(s) of all round solid construction
- Gland plate(s) in enclosure base
- For single-door enclosures hinged on right, may be swapped to left (except with AE 1032.500 and AE 1035.500)
- With cam lock or 3-point lock system
- Mounting plate

## Colour:

- RAL 7035

## Detailed drawings:

- Available on the internet

Dimensions mm			Mounting plate mm		Material thickness mm		Mounting Plate thickness mm	Cam lock * = 3-point locking system	Model No. AE	Weight (Kg)	Accessories					
W	H	D	W	H	Box	Door					Gland plate Size	Qty	Rail for Interior Installation	Wall Brackets	Rain Canopy	
													4 units	1 unit	1 unit	1 unit
200	300	120	162	275	1,25	1,5	2,0	1	1032.500	4,0	1	1	-	2508.100	-	-
200	300	155	162	275	1,25	1,5	2,0	1	1035.500	4,5	1	1	-	2508.100	-	2470.000
300	300	155	254	275	1,38	1,5	2,0	1	1036.500	6,1	-	1	-	2508.100	-	-
300	300	210	254	275	1,38	1,5	2,0	1	1033.500	7,0	-	1	2383.210	2508.100	-	2361.000
300	400	210	254	375	1,38	1,5	2,0	1	1034.500	8,8	-	1	2383.210	2508.100	-	2361.000
380	300	155	334	275	1,38	1,5	2,0	1	1030.500	7,4	3	1	-	2508.100	-	2471.000
380	300	210	334	275	1,38	1,5	2,0	1	1031.500	7,5	3	1	2383.210	2508.100	2501.500	2472.000
380	380	210	334	355	1,38	1,5	2,0	1	1380.500	9,8	3	1	2383.210	2508.100	2501.500	2472.000
380	600	210	334	570	1,38	1,5	2,5	2	1038.500	15,6	3	1	2383.210	2508.100	2501.500	2472.000
380	600	350	334	570	1,5	1,5	2,5	2	1338.500	19,4	4	1	2383.350	2508.100	-	-
400	500	210	354	475	1,38	1,5	2	2	1045.500	13	4	1	2383.210	2508.100	-	-
400	800	300	349	770	1,5	2,0	3,0	2	1037.500	26,2	4	1	2383.300	2508.100	-	-
500	500	210	449	470	1,38	1,75	2,5	2	1050.500	16,8	4	1	2383.210	2508.100	-	2362.000
500	500	300	449	470	1,5	1,75	2,5	2	1350.500	19,6	4	1	2383.300	2508.100	-	-
500	700	250	449	670	1,5	2,0	2,5	2	1057.500	31,2	4	1	2383.250	2508.100	-	-
600	380	210	549	355	1,38	1,5	2,5	1	1039.500	15,4	5	1	2383.210	2508.100	2502.500	2473.000
600	380	350	549	355	1,5	1,5	2,5	1	1339.500	20,0	5	1	2383.350	2508.100	2511.500	-
600	600	210	549	570	1,38	1,75	2,5	2	1060.500	22,8	5	1	2383.210	2508.100	2502.500	2473.000
600	600	250	549	570	1,5	1,75	2,5	2	1054.500	24,8	5	1	2383.250	2508.100	-	-
600	600	350	549	570	1,5	1,75	2,5	2	1360.500	28,4	5	1	2383.350	2508.100	2511.500	-
600	760	210	549	730	1,38	2,0	3,0	2	1076.500	32,1	5	1	2383.210	2508.100	2502.500	2473.000
600	760	350	549	730	1,5	2,0	3,0	2	1376.500	36,0	5	1	2383.350	2508.100	2511.500	-
600	800	250	549	770	1,5	2,0	3,0	2	1058.500	33,6	5	1	2383.250	2508.100	-	-
600	1000	250	539	955	1,5	2,0	3,0	2	1090.500	50,5	5	1	2383.250	2508.100	-	-
600	1200	300	540	1155	1,5	2,0	3,0	*	1260.500	55,0	5	1	2383.300	2508.100	-	-
760	760	210	704	730	1,5	2,0	3,0	2	1077.500	40,0	5	1	2383.210	2508.100	-	-
760	760	300	704	730	1,5	2,0	3,0	2	1073.500	44,5	5	1	2383.300	2508.100	-	2474.000
800	600	300	749	570	1,5	2,0	2,5	2	1055.500	33,9	5	1	2383.300	2508.100	-	2475.000
800	1000	300	739	955	1,5	2,0	3,0	2	1180.500	57,0	5	1	2383.300	2508.100	-	2475.000
800	1200	300	740	1155	1,5	2,0	3,0	*	1280.500	70,0	5	1	2383.300	2508.100	-	2475.000
1000	760	210	944	730	1,5	2,0	3,0	2	1100.500	52	4	2	2383.210	2508.100	-	2363.000
1000	760	300	944	730	1,5	2	3	2	1130.500	56	4	2	2383.300	2508.100	-	2363.000
1000	1000	300	939	955	1,5	2,0	3,0	2	1110.500	71,0	4	2	2383.300	2508.100	-	2363.000
1000	1200	300	940	1155	1,5	2,0	3,0	*	1213.500	85,0	4	2	2383.300	2508.100	-	2363.000
1000	1400	300	940	1355	1,5	2,0	3,0	*	1114.500	97,0	4	2	2383.300	2508.100	-	2363.000

# Compact enclosures CM



## Material:

- Enclosure: Sheet steel 1.5mm
- Door: Sheet steel, 2.0mm,
- All-round foamed-in PU seal
- Mounting plate: Sheet steel, 3.0mm

## Protection category:

- IP 55 to IEC 60 529, complies with NEMA 12 provided suitable gland plates are selected.

## Surface finish:

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

## Colour:

- RAL 7035

## Supply includes:

- Enclosure with hinged door(s)
- R/h door hinge with single door enclosures, may be swapped to opposite side
- 3-point lock
- Mounting plate
- Open base for individual cable entry

## Approvals:

- UL
- CSA
- TÜV
- Lloyds Register of Shipping

## Detailed drawings:

- Available on the internet.

Dimensions mm			Mounting plate mm		Model No. CM	Door	Base Plinth				Accessories										
W	H	D	W	H			Components for front and rear		Trim panels (sides)		Rail for Interior Installation		Matching punched sections with mounting flanges		Base config rail	Mounting plate side block	Support strips for door	TS punched section with mounting flange 17 x 73mm	Cable clamp rails	Sheet steel wiring plan pocket depth 35mm	Rain canopy / vented door
							Height 100 mm	Height 200mm	Height 100 mm	Height 200mm	For Height	For Width	In Depth	In Width							
Packs of						1	1	1	1	1	4	4	4	4	2	2	20	4	1	1	1
600	800	400	540	755	5110.500	1	8601.600	8602.600	8601.040	8602.040	5001.051	5001.050	8612.140	8612.060	5001.370	5001.070	4596.000	8612.050	5001.080	4116.500	5001.310
600	1000	400	540	955	5111.500	1	8601.600	8602.600	8601.040	8602.040	5001.052	5001.050	8612.140	8612.060	5001.370	5001.070	4596.000	8612.050	5001.080	4116.500	5001.310
600	1200	300	540	1155	5112.500	1	8601.600	8602.600	8601.030	8602.030	5001.053	5001.050	8612.130	8612.060	5001.371	5001.070	4596.000	8612.050	5001.080	4116.500	-
600	1200	400	540	1155	5113.500	1	8601.600	8602.600	8601.040	8602.040	5001.053	5001.050	8612.140	8612.060	5001.370	5001.070	4596.000	8612.050	5001.080	4116.500	5001.310
800	1000	300	740	955	5114.500	1	8601.800	8602.800	8601.030	8602.030	5001.052	5001.051	8612.130	8612.080	5001.371	5001.070	4598.000	-	5001.081	4118.500	-
800	1000	400	740	955	5115.500	1	8601.800	8602.800	8601.040	8602.040	5001.052	5001.051	8612.140	8612.080	5001.370	5001.070	4598.000	-	5001.081	4118.500	5001.330
800	1200	300	740	1155	5116.500	1	8601.800	8602.800	8601.030	8602.030	5001.053	5001.051	8612.130	8612.080	5001.371	5001.070	4598.000	-	5001.081	4118.500	-
800	1200	400	740	1155	5117.500	1	8601.800	8602.800	8601.040	8602.040	5001.053	5001.051	8612.140	8612.080	5001.370	5001.070	4598.000	-	5001.081	4118.500	5001.330
1000	1000	300	940	955	5118.500	2	8601.000	8602.000	8601.030	8602.030	5001.052	5001.052	8612.130	8612.000	5001.371	5001.070	4309.000	8612.040	5001.082	4115.500	-
1000	1200	300	940	1155	5119.500	2	8601.000	8602.000	8601.030	8602.030	5001.053	5001.052	8612.130	8612.000	5001.371	5001.070	4309.000	8612.040	5001.082	4115.500	-
1000	1200	400	940	1155	5120.500	2	8601.000	8602.000	8601.040	8602.040	5001.053	5001.052	8612.140	8612.000	5001.370	5001.070	4309.000	8612.040	5001.082	4115.500	5001.350
1000	1400	300	940	1355	5121.500	2	8601.000	8602.000	8601.030	8602.030	5001.054	5001.052	8612.130	8612.000	5001.371	5001.070	4309.000	8612.040	5001.082	4115.500	-
1000	1400	400	940	1355	5122.500	2	8601.000	8602.000	8601.040	8602.040	5001.054	5001.052	8612.140	8612.000	5001.370	5001.070	4309.000	8612.040	5001.082	4115.500	5001.350
1200	1200	400	1140	1155	5123.500	2	8601.200	8602.200	8601.040	8602.040	5001.053	5001.052	8612.140	8612.020	5001.370	5001.070	4596.000	8612.050	5001.083	4116.500	5001.360

## Base/plinth, cable entry



### Base/plinth 100 mm

Base/plinth component consisting of one trim and two pre-configured corner pieces.



### Base/plinth 200 mm

Base/plinth component consisting of one trim and two pre-configured corner pieces.



### Gland plate

Potential equalisation is provided via assembly components and earthing points.

## Canopy/door



### Canopy

Reliable protection for outdoor siting – with water run-off to the rear. Easily retro-fitted.



### Sheet steel wiring plan

For TS, CM, SE, PC, TP pedestal For fastening to tubular door frames at any height.



### Rails for interior installation

For mounting on the existing threaded bolts.



### TS punched section

Variable, with 5 rows of holes for universal skeleton structures or partial assembly.



### TS support strips

For attachment of cable ducts, conduit holders etc.



# System enclosures SE 8

The system of individual enclosures is based on the TS 8 platform and replaces the ES 5000 series.



#### Material:

- Enclosure: Sheet steel, 1.5 mm
- Door: Sheet steel, 2.0 mm
- Rear panel and gland plates: Sheet steel, 1.5 mm
- Mounting plate: Sheet steel, 3.0 mm

#### Protection category:

- IP 55 to IEC 60 529, complies with NEMA 12

#### Surface finish:

- Enclosure, door/double door and rear panel: Dipcoat-primed powder-coated on the outside, textured paint
- Mounting plate and gland plates: Zinc-plated

#### Approvals:

- UL
- cUL

#### Supply includes:

- Enclosure with door(s) double-bit lock insert
- R/h door hinge with single door enclosures, may be swapped to opposite side
- Mounting plate
- Rear panel (in two pieces from a width 1600 mm), detachable

#### Colour:

- RAL 7035

#### Detailed drawings:

- Available on the internet.

#### Note:

- The system accessories for this enclosure system may be found on the following order pages, with references to the respective product groups in the section on system assembly

## System enclosure SE 8, Width: 600 - 800 mm

Dimensions mm			Mounting plate mm		Model No. SE	Door (s)	Base / Pinth						Roof	Rail System		Base	Accessories
							Trim Panels Side		Trim panels front/rear		Corner Blocks		Eyebolts	Punched section with mounting flange, outer level	Punched section with mounting flange, inner level	Cable entry plate	Cable clamp rails for cable clamps
W	H	D	W	H	Height 100 mm	Height 200 mm	Height 100 mm	Height 200 mm	Height 100 mm	Height 200 mm	4	1					
Pack of						1	1 set	1 set	1 set	1 set	1 set	1 set	4	1	1	2	2
600	1800	400	499	1696	<b>5830.500</b>	1	8100.600	8200.600	8100.400	8200.400	8100.000	8200.000	4568.000	8612.040	8612.140	8800.060	4191.000
800	1800	400	699	1696	<b>5831.500</b>	1	8100.400	8200.400	8100.800	8200.800	8100.000	8200.000	4568.000	8612.040	8612.140	8800.080	4192.000
800	2000	400	699	1896	<b>5832.500</b>	1	8100.400	8200.400	8100.800	8200.800	8100.000	8200.000	4568.000	8612.040	8612.140	8800.080	4192.000
800	2000	500	699	1896	<b>5833.500</b>	1	8100.500	8200.500	8100.800	8200.800	8100.000	8200.000	4568.000	8612.050	8612.150	8800.080	4192.000
800	2000	600	699	1896	<b>5834.500</b>	1	8100.800	8200.800	8100.600	8200.600	8100.000	8200.000	4568.000	8612.060	8612.160	8800.080	4192.000

## System enclosure SE 8, Width: 1000 - 1800 mm

Dimensions mm			Mounting plate mm		Model No. SE	Door (s)	Base / Pinth						Roof	Rail System		Base	Accessories
							Trim Panels Side		Trim panels front/rear		Corner Blocks		Eyebolts	Punched section with mounting flange, outer level	Punched section with mounting flange, inner level	Cable entry plate	Cable clamp rails for cable clamps
W	H	D	W	H	Height 100 mm	Height 200 mm	Height 100 mm	Height 200 mm	Height 100 mm	Height 200 mm	4	1					
Pack of						1	1 set	1 set	1 set	1 set	1 set	1 set	4	1	1	2	2
1000	1800	400	899	1696	<b>5840.500</b>	2	8100.400	8200.400	8100.010	8200.010	8100.000	8200.000	4568.000	8612.040	8612.140	8800.100	4336.000
1200	1800	400	1099	1696	<b>5841.500</b>	2	8100.400	8200.400	8100.120	8200.120	8100.000	8200.000	4568.000	8612.040	8612.140	8800.120	4196.000
1600	1800	400	1499	1696	<b>5842.500</b>	2	8100.400	-	2x8100.160	-	8100.000	8200.000	4568.000	8612.040	8612.140	-	4338.000
1200	2000	400	1099	1896	<b>5843.500</b>	2	8100.400	8200.400	8100.120	8200.120	8100.000	8200.000	4568.000	8612.040	8612.140	8800.120	4196.000
1200	2000	500	1099	1896	<b>5844.500</b>	2	8100.500	8200.500	8100.120	8200.120	8100.000	8200.000	4568.000	8612.050	8612.150	8800.120	4196.000
1200	2000	600	1099	1896	<b>5845.500</b>	2	8100.600	8200.600	8100.120	8200.120	8100.000	8200.000	4568.000	8612.060	8612.160	8800.120	4196.000
1800	2000	500	1699	1896	<b>5846.500</b>	2	8100.500	-	2x8100.180	-	8100.000	8200.000	4568.000	8612.050	8612.150	-	4399.000

### Eyebolts



For TS, SE  
For crane transportation of enclosures, where not already included in the supply.  
Thread: M12

### Cable clamp rails



Mounting angle for TS, SE, PC, TP universal console, base/plinths  
For strain relief with cable

entry. Depth-variable mounting on a 25 mm pitch pattern on the horizontal enclosure section or in side base/plinth trim panels with assembly bolts.

**Material:** Steel  
**Surface finish:** Zinc-plated  
**Supply includes:** Assembly parts.

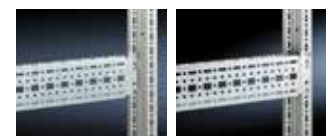
### Cable entry plates



- Cable entry grommets
- Connector grommets instead of segments of the standard

divided gland plates.  
**Material:** Steel  
**Surface finish:** Zinc-plated  
**Supply includes:** Assembly parts.

### TS punched section with mounting flange 17x73mm



Variable, with 5 rows of holes for universal skeleton structures or partial assembly. Simply locate into the TS punchings and secure.

# Baying system TS 8



## Material:

- Enclosure frame, roof, rear panel and gland plates: Sheet steel, 1.5 mm thick
- Door: Sheet steel, 2.0 mm
- Mounting plate: Sheet steel, 3.0 mm

## Surface finish:

- Enclosure frame: dipcoat-primed
- Door, roof and rear panel: Dip-coat-primed, powder-coated on the outside, textured paint
- Mounting plate and gland plates: Zinc-plated

## Protection category:

- IP 55 to IEC 60 529, complies with NEMA 12

## Detailed drawings:

- Available on the internet

## Colour:

RAL 7035

## Supply includes:

- Enclosure frame: with door(s)
- 3mm double-bit lock insert
- Mounting plate
- Gland plates
- Rear panel
- Roof plate
- 4 eyebolts

## Approvals:

- UL
- CSA
- TÜV
- Germanischer Lloyd
- Russian Maritime Register of Shipping
- Lloyds Register of Shipping
- Bureau Veritas
- VDE

## Baying system TS 8 and accessories details

Dimensions mm			Model No. TS	Door (s)	Weight (kg)	Support strips fitted in depth	Panels			Accessories					
W	H	D					Side depth	Divide panels	Divide panels for modules	Mounting plates	Cable clamp rails for cable clamps	cable clamp rails (C section) for cable clamps	Section for cable entry, rear	Support strips for door	
600	1200	500	8615.500	1	74,5		8115.235					4191.00	4944.000	8802.065	4596.000
800	1200	500	8815.500	1	92,1		8115.235					4192.00	4945.000	8802.085	4598.000
1200	1200	500	8215.500	2	140,0		8115.235					4196.00	4947.000	8802.125	4596.000
600	1400	500	8645.500	1	86,0		8145.235					4191.00	4944.000	8802.065	4596.000
800	1400	500	8845.500	1	107,5		8145.235					4192.00	4945.000	8802.085	4598.000
1200	1400	500	8245.500	2	163,5		8145.235					4196.00	4947.000	8802.125	4596.000
600	1600	500	8665.500	1	100,0		8165.235					4191.00	4944.000	8802.065	4596.000
800	1600	500	8865.500	1	103,0		8165.235					4192.00	4945.000	8802.085	4598.000
1200	1600	500	8265.500	2	159,3		8165.235					4196.00	4947.000	8802.125	4596.000
600	1800	400	8684.500	1	91		8184.235	8609.840				4191.00	4944.000	8802.065	4596.000
800	1800	400	8884.500	1	113,5		8184.235	8609.840				4192.00	4945.000	8802.085	4598.000
1000	1800	400	8084.500	1	136,4		8184.235	8609.840				4336.00	4946.000	8802.105	4599.000
1000	1800	400	8080.500	2	140,0		8184.235	8609.840				4336.00	4946.000	8802.105	4309.000
1200	1800	400	8284.500	2	170,6		8184.235	8609.840				4196.00	4947.000	8802.125	4596.000
400	1800	500	8485.510 <sup>1)</sup>	1	49,2		8185.235	8609.850	8609.100	8614.180	4193.00	-	-	-	-
600	1800	500	8685.500	1	93,8		8185.235	8609.850	8609.100			4191.00	4944.000	8802.065	4596.000
800	1800	500	8885.500	1	115,8	•	8185.235	8609.850	8609.100			4192.00	4945.000	8802.085	4598.000
800	1800	500	8880.500	2	122,5	•	8185.235	8609.850	8609.100			4192.00	4945.000	8802.085	4594.000
1200	1800	500	8285.500	2	173,3	•	8185.235	8609.850	8609.100			4196.00	4947.000	8802.125	4596.000
400	1800	600	8486.510	1	51,7	•	8186.235	8609.860	8609.110	8614.180	4193.00	-	-	-	-
600	1800	600	8686.500	1	96,8	•	8186.235	8609.860	8609.110			4191.00	4944.000	8802.065	4596.000
800	1800	600	8886.500	1	120,3	•	8186.235	8609.860	8609.110			4192.00	4945.000	8802.085	4598.000
800	1800	600	8881.500	2	125,8	•	8186.235	8609.860	8609.110			4192.00	4945.000	8802.085	4594.000
1200	1800	600	8286.500	2	179,9	•	8186.235	8609.860	8609.110			4196.00	4947.000	8802.125	4596.000
600	2000	400	8604.500	1	99,0		8104.235	8609.040				4191.00	4944.000	8802.065	4596.000
800	2000	400	8804.500	1	124,0		8104.235	8609.040				4192.00	4945.000	8802.085	4598.000
1000	2000	400	8004.500	2	152,8		8104.235	8609.040				4336.00	4946.000	8802.105	4309.000
1200	2000	400	8204.500	2	184,5		8104.235	8609.040				4196.00	4947.000	8802.125	4596.000
400	2000	500	8204.510 <sup>1)</sup>	1	60,7		8105.235	8609.050	8609.120	8614.200	4193.00	-	-	-	-
600	2000	500	8605.500	1	101		8105.235	8609.050	8609.120			4191.00	4944.000	8802.065	4596.000
800	2000	500	8805.500	1	126,3		8105.235	8609.050	8609.120			4192.00	4945.000	8802.085	4598.000
1000	2000	500	8005.500	2	157,1		8105.235	8609.050	8609.120			4336.00	4946.000	8802.105	4309.000
1200	2000	500	8205.500	2	190,6		8105.235	8609.050	8609.120			4196.00	4947.000	8802.125	4596.000
400	2000	600	8406.510 <sup>1)</sup>	1	55,7	•	8106.235	8609.060	8609.130	8614.200	4193.00	-	-	-	-
600	2000	600	8606.500	1	104,0	•	8106.235	8609.060	8609.130			4191.00	4944.000	8802.065	4596.000
800	2000	600	8806.500	1	130,5	•	8106.235	8609.060	8609.130			4192.00	4945.000	8802.085	4598.000
1000	2000	600	8006.500	2	161,2	•	8106.235	8609.060	8609.130			4336.00	4946.000	8802.105	4309.000
1200	2000	600	8206.500	2	194,6	•	8106.235	8609.060	8609.130			4196.00	4947.000	8802.125	4596.000
600	2000	800	8608.500	1	111	•	8108.235	8609.080				4191.00	4944.000	8802.065	4596.000
800	2000	800	8808.500	1	137,0	•	8108.235	8609.080				4192.00	4945.000	8802.085	4598.000
1200	2000	800	8208.500	2	203,0	•	8108.235	8609.080				4196.00	4947.000	8802.125	4596.000
600	2200	600	8626.500	1	113,1	•	8126.235	8609.260				4191.00	4944.000	8802.065	4596.000
800	2200	600	8826.500	1	139,3	•	8126.235	8609.260				4192.00	4945.000	8802.085	4598.000
1200	2200	600	8226.500	2	208,0	•	8126.235	8609.260				4196.00	4947.000	8802.125	4596.000

<sup>1)</sup>Without tubular door frame, mounting plate and gland plates. Protection category IP 55 and NEMA 12 are not met.

## Flex-Block



### The Rittal base/plinth system

Freely combinable base/plinth system for virtually any application. Because the corner pieces and trim panels are packaged separately, it may be tailored to any application.

## Doors/panels



**Side panels**  
For TS 8  
Height: 100 or 200 mm



**Comfort handle**  
To replace standard lock.  
For conventional lock  
40 or 35 mm



**Utility lectern**  
For programming units etc.  
Prepared for mounting on the tubular door frame of TS, CM, SE, PC or any sufficiently large surface.



**Sheet steel wiring plan pockets for TS, CM, SE, PC, TP pedestal**  
For fastening to tubular door frames at any height.

## Baying system TS 8 and Flex-Block details

Dimensions mm			Model No. TS	Door (s)	Weight (kg)	Support strips fitted in depth	Panels			Flex-Block Base / Plinth					
W	H	D					Side depth	Divide panels	Divide panels for modules	Trim side panels		Trim Panels front / rear		Corner Block	
										Height 100 mm	Height 200 mm	Height 100 mm	Height 200 mm	Height 100 mm	Height 200 mm
600	1200	500	8615.500	1	74,5		8115.235			8100.500	8200.500	8100.600	8200.600	8100.000	8200.000
800	1200	500	8815.500	1	92,1		8115.235			8100.500	8200.500	8100.800	8200.800	8100.000	8200.000
1200	1200	500	8215.500	2	140,0		8115.235			8100.500	8200.500	8100.120	8200.120	8100.000	8200.000
600	1400	500	8645.500	1	86,0		8145.235			8100.500	8200.500	8100.600	8200.600	8100.000	8200.000
800	1400	500	8845.500	1	107,5		8145.235			8100.500	8200.500	8100.800	8200.800	8100.000	8200.000
1200	1400	500	8245.500	2	163,5		8145.235			8100.500	8200.500	8100.120	8200.120	8100.000	8200.000
600	1600	500	8665.500	1	100,0		8165.235			8100.500	8200.500	8100.600	8200.600	8100.000	8200.000
800	1600	500	8865.500	1	103,0		8165.235			8100.500	8200.500	8100.800	8200.800	8100.000	8200.000
1200	1600	500	8265.500	2	159,3		8165.235			8100.500	8200.500	8100.120	8200.120	8100.000	8200.000
600	1800	400	8684.500	1	91		8184.235	8609.840		8100.400	8200.400	8100.800	8200.800	8100.000	8200.000
800	1800	400	8884.500	1	113,5		8184.235	8609.840		8100.400	8200.400	8100.800	8200.800	8100.000	8200.000
1000	1800	400	8084.500	1	136,4		8184.235	8609.840		8100.400	8200.400	8100.010	8200.010	8100.000	8200.000
1000	1800	400	8080.500	2	140,0		8184.235	8609.840		8100.400	8200.400	8100.010	8200.010	8100.000	8200.000
1200	1800	400	8284.500	2	170,6		8184.235	8609.840		8100.400	8200.400	8100.120	8200.120	8100.000	8200.000
400	1800	500	8485.510 <sup>1)</sup>	1	49,2		8185.235	8609.850	8609.100	8100.500	8200.500	8100.400	8200.400	8100.000	8200.000
600	1800	500	8685.500	1	93,8		8185.235	8609.850	8609.100	8100.500	8200.500	8100.600	8200.600	8100.000	8200.000
800	1800	500	8885.500	1	115,8	•	8185.235	8609.850	8609.100	8100.500	8200.500	8100.800	8200.800	8100.000	8200.000
800	1800	500	8880.500	2	122,5	•	8185.235	8609.850	8609.100	8100.500	8200.500	8100.800	8200.800	8100.000	8200.000
1200	1800	500	8285.500	2	173,3	•	8185.235	8609.850	8609.100	8100.500	8200.500	8100.120	8200.120	8100.000	8200.000
400	1800	600	8486.510	1	51,7	•	8186.235	8609.860	8609.110	8100.600	8200.600	8100.400	8200.400	8100.000	8200.000
600	1800	600	8686.500	1	96,8	•	8186.235	8609.860	8609.110	8100.600	8200.600	8100.600	8200.600	8100.000	8200.000
800	1800	600	8886.500	1	120,3	•	8186.235	8609.860	8609.110	8100.800	8200.800	8100.600	8200.600	8100.000	8200.000
800	1800	600	8881.500	2	125,8	•	8186.235	8609.860	8609.110	8100.800	8200.800	8100.600	8200.600	8100.000	8200.000
1200	1800	600	8286.500	2	179,9	•	8186.235	8609.860	8609.110	8100.600	8200.600	8100.120	8200.120	8100.000	8200.000
600	2000	400	8604.500	1	99,0		8104.235	8609.040		8100.600	8200.600	8100.400	8200.400	8100.000	8200.000
800	2000	400	8804.500	1	124,0		8104.235	8609.040		8100.400	8200.400	8100.800	8200.800	8100.000	8200.000
1000	2000	400	8004.500	2	152,8		8104.235	8609.040		8100.400	8200.400	8100.010	8200.010	8100.000	8200.000
1200	2000	400	8204.500	2	184,5		8104.235	8609.040		8100.400	8200.400	8100.120	8200.120	8100.000	8200.000
400	2000	500	8204.510 <sup>1)</sup>	1	60,7		8105.235	8609.050	8609.120	8100.500	8200.500	8100.400	8200.400	8100.000	8200.000
600	2000	500	8605.500	1	101		8105.235	8609.050	8609.120	8100.500	8200.500	8100.600	8200.600	8100.000	8200.000
800	2000	500	8805.500	1	126,3		8105.235	8609.050	8609.120	8100.500	8200.500	8100.800	8200.800	8100.000	8200.000
1000	2000	500	8005.500	2	157,1		8105.235	8609.050	8609.120	8100.500	8200.500	8100.010	8200.010	8100.000	8200.000
1200	2000	500	8205.500	2	190,6		8105.235	8609.050	8609.120	8100.500	8200.500	8100.120	8200.120	8100.000	8200.000
400	2000	600	8406.510 <sup>1)</sup>	1	55,7	•	8106.235	8609.060	8609.130	8100.600	8200.600	8100.400	8200.400	8100.000	8200.000
600	2000	600	8606.500	1	104,0	•	8106.235	8609.060	8609.130	8100.600	8200.600	8100.600	8200.600	8100.000	8200.000
800	2000	600	8806.500	1	130,5	•	8106.235	8609.060	8609.130	8100.800	8200.800	8100.600	8200.600	8100.000	8200.000
1000	2000	600	8006.500	2	161,2	•	8106.235	8609.060	8609.130	8100.600	8200.600	8100.010	8200.010	8100.000	8200.000
1200	2000	600	8206.500	2	194,6	•	8106.235	8609.060	8609.130	8100.600	8200.600	8100.120	8200.120	8100.000	8200.000
600	2000	800	8608.500	1	111	•	8108.235	8609.080		8100.800	8200.800	8100.600	8200.600	8100.000	8200.000
800	2000	800	8808.500	1	137,0	•	8108.235	8609.080		8100.800	8200.800	8100.800	8200.800	8100.000	8200.000
1200	2000	800	8208.500	2	203,0	•	8108.235	8609.080		8100.800	8200.800	8100.120	8200.120	8100.000	8200.000
600	2200	600	8626.500	1	113,1	•	8126.235	8609.260		8100.600	8200.600	8100.600	8200.600	8100.000	8200.000
800	2200	600	8826.500	1	139,3	•	8126.235	8609.260		8100.800	8200.800	8100.600	8200.600	8100.000	8200.000
1200	2200	600	8226.500	2	208,0	•	8126.235	8609.260		8100.600	8200.600	8100.120	8200.120	8100.000	8200.000

<sup>1)</sup>Without tubular door frame, mounting plate and gland plates. Protection category IP 55 and NEMA 12 are not met.

# Stainless steel enclosures



- Supply includes:**
- Enclosure with cover
  - Quick-release fastener including plastic bushes

## Terminal boxes KL Protection category IP 66

Dimensions mm			Model No. KL	Wall mounting bracket	Wall angle	Pole clamp	Roof hinge 1,4404 (AISI 316L)
W	H	D					
Packs of			1	2	4	1	2
150	150	80	<b>1521.010</b>	1594.000	2583.010	2584.000	1592.010
150	150	120	<b>1527.010</b>	1594.000	2583.010	2584.000	1592.010
300	150	80	<b>1522.010</b>	1594.000	2583.010	2584.000	1592.010
200	200	80	<b>1523.010</b>	1594.000	2583.010	2584.000	1592.010
200	200	120	<b>1528.010</b>	1594.000	2583.010	2584.000	1592.010
300	200	80	<b>1524.010</b>	1594.000	2583.010	2584.000	1592.010
300	200	120	<b>1529.010</b>	1594.000	2583.010	2584.000	1592.010
400	200	120	<b>1525.010</b>	1594.000	2583.010	2584.000	1592.010
300	300	120	<b>1526.010</b>	1594.000	2583.010	2584.000	1592.010
400	300	120	<b>1530.010</b>	1594.000	2583.010	2584.000	1592.010



- Supply includes:**
- Enclosure with door(s)
  - Mounting plate

## Compact enclosure AE Protection category IP 66 / \*IP 55

Dimensions mm			Model No. AE	Wall mounting bracket 1,4301 (AISI 304)	Wall mounting bracket 1,4304 (AISI 316L)	Wall angle 1,4301 (AISI 304)	Pole clamp	Cam lock 1,4404 (AISI 316L)
W	H	D						
Packs of				4	4	4	1	1
200	300	120	<b>1001.600</b>	2433.000	-	2583.010	2584.000	2304.000
200	300	155	<b>1002.600</b>	2433.000	-	2583.010	2584.000	2304.000
200	300	155	<b>1002.500</b>	-	2433.500	2583.010	2584.000	2304.000
300	300	210	<b>1003.600</b>	2433.000	-	2583.010	2584.000	2304.000
380	300	155	<b>1004.600</b>	2433.000	-	2583.010	2584.000	2304.000
380	300	210	<b>1011.600</b>	2433.000	-	2583.010	2584.000	2304.000
300	380	210	<b>1005.600</b>	2433.000	-	2583.010	2584.000	2304.000
300	380	210	<b>1005.500</b>	-	2433.500	2583.010	2584.000	2304.000
380	380	210	<b>1006.600</b>	2433.000	-	2583.010	2584.000	2304.000
380	380	210	<b>1006.500</b>	-	2433.500	2583.010	2584.000	2304.000
600	380	210	<b>1009.600</b>	2433.000	-	2583.010	2584.000	2304.000
400	500	210	<b>1015.600</b>	2433.000	-	2583.010	2584.000	2304.000
500	500	210	<b>1007.600</b>	2433000	-	2583.010	2584.000	2304.000
500	500	300	<b>1013.600</b>	2433000	-	2583.010	2584.000	2304.000
380	600	210	<b>1008.600</b>	2433000	-	2583.010	2584.000	2304.000
600	600	210	<b>1010.600</b>	2473000	-	2583.010	2584.000	2304.000
600	600	210	<b>1010.500</b>	-	2433.500	2583.010	2584.000	2304.000
600	760	210	<b>1012.600</b>	2433000	-	2583.010	2584.000	2304.000
760	760	300	<b>1014.600</b>	2474.000	2433.000	2583.010	-	2304.000
800	1000	300	<b>1016.600</b>	2475.000	2433.000	2583.010	-	2304.000
800	1200	300	<b>1017.600</b>	2475.000	2433.000	2583.010	-	-
*1000	1000	300	<b>1018.600</b>	2363.000	2433.000	2583.010	-	2304.000
*1000	1200	300	<b>1019.600</b>	2363.000	2433.000	2583.010	-	-
*1000	1200	300	<b>1019.500</b>	2363.000	-	2583.010	-	-

\* IP 55 - double door



- Supply includes:**
- Enclosure frame
  - Door(s)
  - Roof
  - Gland plates
  - Rear panel, detachable
  - Mounting plate, depth-adjustable
  - 4 eyebolts
  - Lock: 3 mm double-bit
  - 2 Slide rails
  - 2 support strips fitted in the enclosure depth

## Baying Systems TS 8 Protection category IP 55

Dimensions mm			Model No. TS 8	Side panels	Divider panel	Divider panel for module plates	Components front and rear Height 100 mm	Components front and rear Height 200 mm	Trim panels, sides Height 100 mm	Trim panels, sides Height 200 mm
W	H	D								
UE			1	2	1	1	1 set	1 set	1 set	1 set
800	1800	400	<b>8454.600</b>	8700.840	8609.840	-	8701.800	8702.800	8701.040	8702.040
1200	1800	400	<b>8456.600</b>	8700.840	8609.840	-	8701.200	8702.200	8701.040	8702.040
600	1800	500	<b>8457.600</b>	8700.850	8609.850	8609.100	8701.600	8702.600	8701.050	8702.050
800	1800	500	<b>8455.600</b>	8700.850	8609.850	8609.100	8701.800	8702.800	8701.050	8702.050
1200	1800	500	<b>8453.600</b>	8700.850	8609.850	8609.100	8701.200	8702.200	8701.050	8702.050
600	2000	600	<b>8452.600</b>	8700.060	8609.060	8609.130	8701.600	8702.600	8701.060	8702.060
800	2000	600	<b>8450.600</b>	8700.060	8609.060	8609.130	8701.800	8702.800	8701.060	8702.060
1200	2000	600	<b>8451.600</b>	8700.060	8609.060	8609.130	8701.200	8702.200	8701.060	8702.060

Also available on request in stainless steel 1,4404 AISI 316L

# Stainless steel enclosures



- Supply includes:**
- Enclosure, solid top and sides Door(s)
  - Rear panel, detachable
  - Mounting plate
  - Gland plates, divided locking rod with double-bit insert
  - Enclosure of all-round solid construction
  - Cover
  - Mounting bracket (pre-assembled)
  - Seal and quick-release locks (supplied loose)

- Surface finish:**
- Enclosure rear panel gland plate and door(s)
  - Mounting plate: Zinc-plated

- Approvals:**
- Available on the internet

- Detailed drawings:**
- Available on the internet

- Protection category:**
- See tables.

- Material:**
- Enclosure: Stainless steel 1.4301 (AISI 304), 1.5 mm
  - Door(s): Stainless Steel, 1.4301 (AISI 304), 2.0 mm
  - Rear panel: Stainless steel 1.4301 (AISI 304), 1.5 mm
  - Mounting plate: Sheet steel, 3.0 mm

## System enclosures SE 8

Dimensions mm			Mounting plate mm		Model No. SE	Door(s)		Base/plinth				Roof	Rail systems		Accessories
W	H	D	W	H				Components front and rear		Trim panel		Eyebolts	Punched section with mounting flange, outer level	Punched section with mounting flange, inner	Eyebolts
Packs of							100 mm	200 mm	100 mm	200 mm	4	4	4	4	
600	1600	400	499	1496	<b>5850.500</b>	1	IP 55 to IEC 60259 Complies with NEMA 12	8701.600	8702.600	8701.040	8702.040	4568.000	8612.040	8612.140	4568.500
600	1800	500	499	1696	<b>5851.500</b>	1		8701.600	8702.600	8701.050	8702.050	4568.000	8612.050	8612.150	
800	1800	500	699	1696	<b>5852.500</b>	1		8701.800	8702.800	8701.050	8702.050	4568.000	8612.050	8612.150	
800	2000	600	699	1896	<b>5853.500</b>	1		8701.800	8702.800	8701.060	8702.060	4568.000	8612.060	8612.160	
1000	1800	400	899	1696	<b>5854.500</b>	1		8701.000	8702.000	8701.040	8702.040	4568.000	8612.040	8612.140	
1200	2000	500	1099	1896	<b>5855.500</b>	2		8701.200	8702.200	8701.050	8702.050	4568.000	8612.050	8612.150	



- Supply includes:**
- Enclosure of all-round solid construction
  - Door with press-fitted seal
  - Interchangeable door hinge
  - Mounting plate

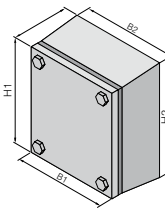
## Compact enclosures Hygienic Design

Dimensions mm			Model No. HD	Accessories
W	H	D		Wall spacer bracket HD
220	350	155	<b>1302.600</b>	4000.100
390	430	210	<b>1306.600</b>	4000.100
390	650	210	<b>1308.600</b>	4000.100
510	550	210	<b>1307.600</b>	4000.100
610	430	300	<b>1320.600</b>	4000.100
610	650	210	<b>1310.600</b>	4000.100
810	1050	300	<b>1316.600</b>	4000.100
810	1250	300	<b>1317.600</b>	4000.100



- Supply includes:**
- Enclosure of all-round solid construction
  - Cover
  - Mounting bracket (pre-assembled)
  - Seal and quick-release locks (supplied loose)

## Terminal boxes Hygienic Design



Dimensions mm					Model No. HD 1 Unit
With		Height		Depth	
front B1	rear B2	front H1	rear H2	T	
150	172	150	172	80	<b>1670.600</b>
150	177	150	177	120	<b>1671.600</b>
200	227	200	227	120	<b>1672.600</b>
300	327	200	227	120	<b>1674.600</b>
400	427	200	227	120	<b>1675.600</b>
400	427	300	327	120	<b>1676.600</b>

# Climate control



## Colour:

- RAL 7035

## Supply includes:

- Complete unit ready to install, including filter mat

## Approvals:

- Available on the internet.

## Detailed drawings:

- Available on the internet.

## Performance diagrams:

- Available on the internet.

## Note:

- For energy efficient operation of the fan-and-filter units, we recommend using the enclosure internal thermostat, 3110.000, the digital enclosure internal temperature display and thermostat, 3114.200, or the speed control, 3120.200 (AC control unit), 3235.440 (EC sensor) or 3235.450 (EC control unit)

## TopTherm fan-and-filter units

Model No.	Outlet filter model No.	Fan-and-filter unit dimensions W x H x D (mm)	Rated operating voltage (V, ~, Hz)	Air throughput (m³/h)			Protection category to IEC 60 529
				Unimpeded	1 x Outlet filter	2 x Outlet filter	
3237.100	3237.200	116.5 x 116.5 x 59	230, 1, 50/60	20 / 25	15 / 18	-	Standard - IP 54 With additional fine filter mat - IP 55 With hose-proof hood - IP 56
3237.110			115, 1, 50/60	20 / 25	15 / 18	-	
3237.124			24 (DC)	20	-	-	
3238.100	3238.200	148.5 x 148.5 x 74.5	230, 1, 50/60	55 / 66	43 / 50	48 / 57	
3238.110			115, 1, 50/60	55 / 66	43 / 50	48 / 57	
3238.124			24 (DC)	55	43	48	
3239.100	3239.200	204 x 204 x 114	230, 1, 50/60	105 / 120	87 / 100	93 / 108	
3239.110			115, 1, 50/60	105 / 120	87 / 100	93 / 108	
3239.124			24 (DC)	105	87	93	
3240.100	3240.200	255 x 255 x 132	230, 1, 50/60	180 / 160	138 / 115	165 / 140	
3240.110			115, 1, 50/60	180 / 160	138 / 115	165 / 140	
3240.124			24 (DC)	180	138	165	
3241.100			230, 1, 50/60	230 / 250	183 / 195	203 / 230	
3241.110			115, 1, 50/60	230 / 250	183 / 195	203 / 230	
3241.124			24 (DC)	230	183	203	
3243.100	3243.200	323 x 323 x 143.5	230, 1, 50/60	550 / 600	440 / 490	510 / 560	
3243.110			115, 1, 50/60	550 / 600	440 / 490	510 / 560	
3244.100			230, 1, 50/60	700 / 770	544 / 610	630 / 690	
3244.110		323 x 323 x 155.5	115, 1, 50/60	700 / 770	544 / 610	630 / 690	
3244.140			400, 3, 50/460, 3, 60	700 / 770	544 / 610	630 / 690	

## TopTherm fan-and-filter units, with EC technology

Model No.	Outlet filter model No.	Fan-and-filter unit dimensions W x H x D (mm)	Rated operating voltage (V, ~, Hz)	Air throughput (m³/h)			Protection category to IEC 60 529
				Unimpeded	1 x Outlet filter	2 x Outlet filter	
3238.500	3238.200	148.5 x 148.5 x 74.5	200-240, 1, 50/60	55	43	48	Standard - IP 54 With additional fine filter mat - IP 55 With hose-proof hood - IP 56
3239.500	3239.200	204 x 204 x 114	200-240, 1, 50/60	105	87	93	
3240.500	3240.200	255 x 255 x 132	200-240, 1, 50/60	180	138	165	
3241.500			200-240, 1, 50/60	230	183	203	
3243.500	3243.200	323 x 323 x 143.5	200-240, 1, 50/60	550	440	510	
3244.500			200-240, 1, 50/60	700	544	630	
3245.500		323 x 323 x 155.5	200-240, 1, 50/60	900	680	820	
3245.510			100-130, 1, 50/60	900	680	820	

## TopTherm fan-and-filter units, EMC

Model No.	Outlet filter model No.	Fan-and-filter unit dimensions W x H x D (mm)	Rated operating voltage (V, ~, Hz)	Air throughput (m³/h)			Protection category to IEC 60 529
				Unimpeded	1 x Outlet filter	2 x Outlet filter	
3237.600	3237.060	116.5 x 116.5 x 59	230, 1, 50/60	20 / 25	15 / 18	-	Standard - IP 54 With additional fine filter mat - IP 55 With hose-proof hood - IP 56
3238.600	3238.060	148.5 x 148.5 x 74.5	230, 1, 50/60	55 / 66	43 / 50	48 / 57	
3239.600	3239.060	204 x 204 x 114	230, 1, 50/60	105 / 120	87 / 100	93 / 108	
3240.600	3240.060	255 x 255 x 132	230, 1, 50/60	180 / 160	138 / 115	165 / 140	
3241.600			230, 1, 50/60	230 / 250	183 / 195	203 / 230	
3243.600			323 x 323 x 143.5	230, 1, 50/60	550 / 600	440 / 490	
3244.600	323 x 323 x 155.5	230, 1, 50/60		700 / 770	544 / 610	630 / 690	
3245.600		200-240, 1, 50/60		900	680	820	

# Enclosure heaters



## Supply includes:

- PTC heater
- Quick-connection terminal
- Assembly parts

## Approvals:

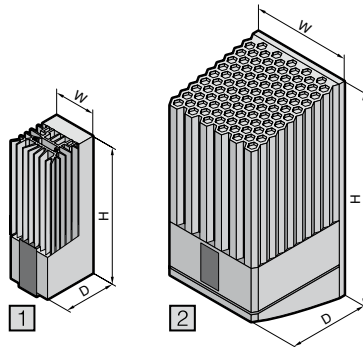
- UR
- cUR
- CSA

## Technical details:

- Available on the internet.

## Note:

- For precise temperature control inside the enclosure, we recommend using the enclosure internal thermostat, 3110.000, or the digital enclosure internal temperature display and thermostat, 3114.200
- In order to prevent condensation forming on assemblies, a hydrostat, 3118.000, is recommended to regulate heating
- In larger enclosures, even heat distribution is best achieved by installing several low-output heaters
- The installation of heaters is generally advisable to prevent condensation



## 1 Without fan, continuous thermal output 10-150 W

Model No.	Rated operating voltage (V, ~, Hz)	Dimensions W x H x D (mm)	Continuous thermal output at ambient temp of 10 °C (W)
3105.310	110-240, 1, 50/60	45 x 120 x 46	8 – 10
3105.320			18 – 20
3105.330		64 x 155 x 56	23 – 30
3105.340			49 – 50
3105.350		64 x 230 x 56	63 – 75
3105.360		90 x 165 x 75	86 – 100
3105.370		90 x 180 x 75	130 – 150

## 2 With fan, continuous thermal output 250-800 W

Model No.	Rated operating voltage (V, ~, Hz)	Dimensions W x H x D (mm)	Continuous thermal output at ambient temp of 10 °C (W)	
3105.380	230, 1, 50/60	103 x 200 x 103	250 / 265	
3105.410	115, 1, 50/60		235 / 250	
3105.390	230, 1, 50/60		400 / 415	
3105.420	115, 1, 50/60		355 / 400	
3105.400	230, 1, 50/60		800 / 870	
3105.430	230, 1, 50/60		710 / 800	710 / 800
	115, 1, 50/60			

# RiLine60 shrouded busbar systems up to 800 A (60 mm)



## Material:

- Polyamide (PA 6.6)
- Fire protection corresponding to UL 94-V0

## Colour:

- RAL 7035

## Note:




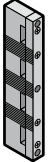
- UL approval only valid in conjunction with AC applications
- The use of a base tray is required for UL applications

## Technical details:

- Available on the Internet
- DC ratings available
- 4 pole options available please consult Rittal

## Flat copper bar system

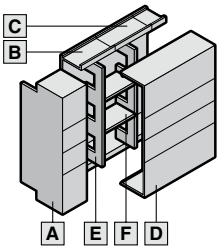
### Busbar support

					
Number of poles	Packs of	3-pole	3-pole	3-pole	4-pole
Bar centre distance mm		60	60	60	60
Model No.	<b>4 pc(s).</b>	<b>9340.010</b>	<b>9340.000</b>	<b>9340.050</b>	<b>9340.004</b>

### Also required

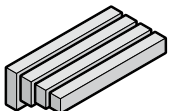
Spacer when using busbars 12 x 5/10 mm	■	■	■	–	■
Model No.	<b>12 pc(s).</b>	<b>9340.090</b>	<b>9340.090</b>	<b>–</b>	<b>9340.090</b>

### Contact hazard protection



Components	Length mm	Packs	Model No.			Model No.
A End covers	–	2 pc(s).	<b>9340.070</b>	<b>9340.070</b>	<b>9340.070</b>	<b>9340.074</b>
B Base trays	500	2 pc(s).	–	<b>9340.100</b>	<b>9340.100</b>	–
	700	2 pc(s).	–	<b>9340.110</b>	<b>9340.110</b>	–
	900	2 pc(s).	–	<b>9340.120</b>	<b>9340.120</b>	–
	1100	2 pc(s).	–	<b>9340.130</b>	<b>9340.130</b>	<b>9340.134</b>
	2400	1 pc(s).	–	<b>9340.170</b>	–	–
C Base tray infills	100	2 pc(s).	–	<b>9340.140</b>	<b>9340.140</b>	–
D Cover sections	700	2 pc(s).	–	<b>9340.200</b>	<b>9340.200</b>	–
	1100	2 pc(s).	–	<b>9340.210</b>	<b>9340.210</b>	<b>9340.214</b>
E Support panels	–	5 pc(s).	–	<b>9340.220</b>	<b>9340.220</b>	<b>9340.224</b>
F Cross members	160	2 pc(s).	–	–	<b>9340.230</b>	–

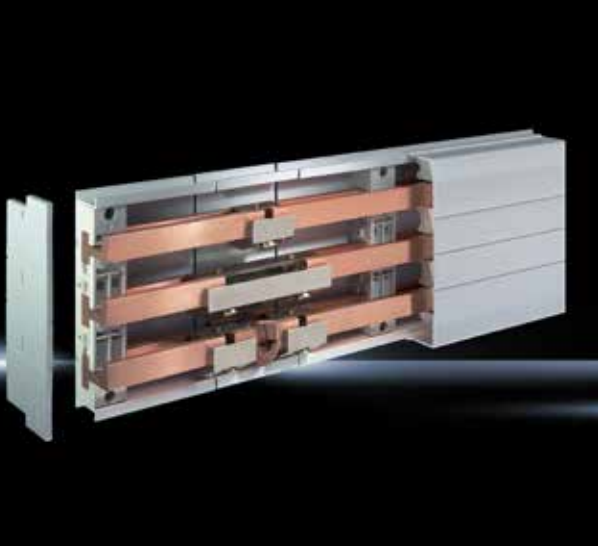
### Busbars E-Cu; length 2400 mm/bar



Dimensions mm	Max. rated current A acc. to		Packs of	Model No.			Model No.
	DIN EN	UL 508		Model No.			Model No.
12 x 5	210	–	6 pc(s).	<b>3580.000</b>	<b>3580.000</b>	<b>3580.000</b>	<b>3580.000</b>
12 x 10	340	–	6 pc(s).	<b>3580.100</b>	<b>3580.100</b>	<b>3580.100</b>	<b>3580.100</b>
15 x 5	260	175	6 pc(s).	<b>3581.000</b>	<b>3581.000</b>	<b>3581.000</b>	<b>3581.000</b>
15 x 10	360	350	6 pc(s).	<b>3581.100</b>	<b>3581.100</b>	<b>3581.100</b>	<b>3581.100</b>
20 x 5	319	230	6 pc(s).	<b>3582.000</b>	<b>3582.000</b>	<b>3582.000</b>	<b>3582.000</b>
20 x 10	497	465	3 pc(s).	<b>3585.005</b>	<b>3585.005</b>	<b>3585.005</b>	<b>3585.005</b>
25 x 5	384	290	6 pc(s).	<b>3583.000</b>	<b>3583.000</b>	<b>3583.000</b>	<b>3583.000</b>
30 x 5	447	350	6 pc(s).	<b>3584.000</b>	<b>3584.000</b>	<b>3584.000</b>	<b>3584.000</b>
30 x 10	800	700	3 pc(s).	<b>3586.005</b>	<b>3586.005</b>	<b>3586.005</b>	<b>3586.005</b>



# RiLine60 shrouded busbar systems 800 A/1600 A (60 mm)



## Material:

- Polyamide (PA 6.6)
- Fire protection corresponding to UL 94-V0

## Colour:

- RAL 7035

## Note:

- UL approval only valid in conjunction with AC applications
- The use of a base tray is required for UL applications

## Technical details:

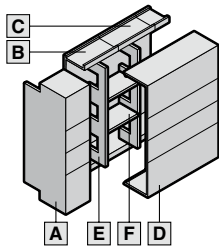
- Available on the Internet
- DC ratings available
- 4 pole options available please consult Rittal

## PLS Busbar system

### Busbar support

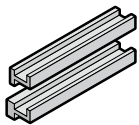
		PLS 800		PLS 1600		
For Rittal system	Packs of	3-pole	3-pole	3-pole	3-pole	4-pole
Number of poles		60	60	60	60	60
Bar centre distance mm						
Model No.	4 pc(s).	9341.000	9341.050	9342.000	9342.050	9342.004

### Contact hazard protection



Components	Length mm	Packs of	Model No.		Model No.		
A End covers	-	2 pc(s).	9341.070	9341.070	9342.070	9342.070	9342.074
B Base trays	500	2 pc(s).	9341.100	9341.100	9342.100	9342.100	-
	700	2 pc(s).	9341.110	9341.110	9342.110	9342.110	-
	900	2 pc(s).	9341.120	9341.120	9342.120	9342.120	-
	1100	2 pc(s).	9341.130	9341.130	9342.130	9342.130	9342.134
	2400	1 pc(s).	9341.170	-	9342.170	-	-
C Base tray infills	100	2 pc(s).	9341.140	9341.140	9342.140	9342.140	-
D Cover sections	700	2 pc(s).	9340.200	9340.200	9340.200	9340.200	-
	1100	2 pc(s).	9340.210	9340.210	9340.210	9340.210	9340.214
E Support panels	-	5 pc(s).	9340.220	9340.220	9340.220	9340.220	9340.224
F Cross members	160	2 pc(s).	-	9340.230	-	9340.230	-

### PLS special busbars E-Cu



Version		Packs of	PLS 800	PLS 1600
Bar cross-section mm <sup>2</sup>			300	900
Bar thickness mm			5	10
Max. rated current A acc. to	DIN EN		800	1600
	UL 508		700	1400
Length mm	For enclosure width mm		Model No.	Model No.
495	600	3 pc(s).	3524.000	3527.000
695	800	3 pc(s).	3525.000	3528.000
895	1000	3 pc(s).	3525.010	3528.010
1095	1200	3 pc(s).	3526.000	3529.000
2400	variable	1 pc(s).	3509.000	3516.000

# Connection adaptors



## Material:

- Cover: ABS
- Chassis: Polyamide (PA 6.6)
- Chassis 3439.010:  
Fibreglassreinforced, thermoplastic polyester(PBT)
- Fire protection corresponding to UL 94-V0

## Colour:

- RAL 7035

## Technical details:

- Available on the Internet

## Note:

- The technical data may vary for UL applications
- UL approval only applies in conjunction with AC application
- The rated operating voltage for DC applications depends on the busbar arrangement in the busbar support 9340.050/ 9341.050/9342.050

## Rated current max. 63 – 1600 A

Rated current max. A	63	125	250	250	600
Rated operating voltage V, ~	690, 3~	690, 3~	690, 3~	690, 3~	690, 3~
Number of poles	3-pole	3-pole	3-pole	3-pole	3-pole
Cable outlet	Bottom	Bottom	Top/bottom	Bottom	Top/bottom
Width mm	20	55	90	90	180
Model No.	9342.210	9342.240	9342.250	9342.270	3439.010

Rated current max. A	800	800	800	1600
Rated operating voltage V, ~	690, 3~	690, 3~	690, 3~	690, 3~
Number of poles	3-pole	3-pole	3-pole	3-pole
Cable outlet	Top/bottom	Top/bottom	Bottom	Top/bottom
Width mm	129	150	129	255
Model No.	9342.280	9342.310	9342.300	9342.320

## Circuit-breaker component adaptors Rated current max. 160 – 630A, 3-pole

Rated current max. A	Packs of	160	250	400	630
Rated operating voltage V, ~		690, 3~	690, 3~	690, 3~	690, 3~
Width mm		90	105	140	140
Height mm		215	240	345	345
Approvals		-	-	-	-
Model No.	1 pc(s).	9342.510	9342.610	9345.730	9345.710

# OM adaptors



## Material:

- Polyamide (PA 6.6)
- Fire protection corresponding to UL 94-V0

## Colour:

- – RAL 7035

## Note:

- The technical data may vary for UL applications

## Technical details:

- Available on the Internet

## Software

- Supported by Rittal Power Engineering (RPE) Software

## Rated current max. 16 – 65 A, with connection cables

Rated current max. A	Packs of	16	25	25	32	32	32
Rated operating voltage V, ~		690, 3~	690, 3~	690, 3~	690, 3~	690, 3~	690, 3~
Width mm		45	45	45	45	45	45
Model No.	1 pc(s).	9340.760	9340.340	9340.370	9340.350	9340.380	9340.390

Rated current max. A	Packs of	32	32	32	65	65	65
Rated operating voltage V, ~		690, 3~	690, 3~	690, 3~	690, 3~	690, 3~	690, 3~
Width mm		45	55	55	55	55	75
Model No.	1 pc(s).	9340.770	9340.460	9340.470	9340.430	9340.450	9340.700



## NH slimline fuse-switch disconnectors, size 00 to 3

Size	Packs of	00	1	2	3
Rated operating current max. A		160	250	400	630
Rated operating voltage V, ~		690, 3~	690, 3~	690, 3~	690, 3~
Number of poles		3-pole	3-pole	3-pole	3-pole
Cable outlet		Top/bottom	Top/bottom	Top/bottom	Top/bottom
Type of connection		Box terminal	Box terminal	Box terminal	Box terminal
Connection of round conductors mm <sup>2</sup>		4 - 95	35 - 150	95 - 300	95 - 300
Connection of sector-shaped conductors		–	50 - 150	120 - 300	120 - 300
Clamping area for laminated copper bars, W x H mm		13 x 13	20 x 3 - 14	32 x 10 - 20	32 x 10 - 20
Width mm		106	184	210	250
Height mm		194	298	298	298
Approvals		UR	UR	UR	UR
For mounting plate assembly		–	–	–	–
For bar systems with centre-to-centre spacing mm		60	60	60	60
For bar thickness mm		5/10	5/10	5/10	5/10
Model No.	1 pc(s).	9343.000	9343.100	9343.200	9343.300

# Blue e+ Cooling units

The Blue e+ cooling unit series – the ultimate in efficiency. Worldwide.

## The factor:

- **Efficiency** – 75% energy saved due speed-regulated components and heat pipe technology
- **Versatility** – Suitable for international use due to multi-voltage support
- **Safety** – Longer service life of the components inside the enclosure and the cooling unit due to component-friendly cooling
- **User-friendliness** – Intuitive operation due to touch display and intelligent interface

### Unbelievably efficient

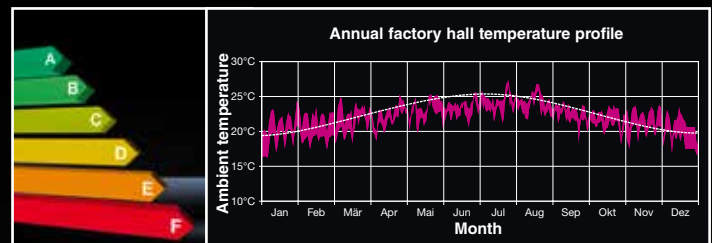
- Let hybrid technology take your cooling units' energy efficiency to a whole new level
- Active cooling circuit with speed-regulated components for demand-based cooling
- Integral heat pipe for passive cooling. Dissipates heat from the enclosure as soon as the ambient temperature falls below the setpoint.

### Transparent efficiency comparisons

- **Energy Efficiency Ratio:** The standardised efficiency ratio
- **Seasonal Energy Efficiency Ratio:** The seasonal efficiency ratio for actual energy consumption

### Amazingly economical

- Energy savings of up to 75%
- Component-friendly cooling for a longer service life
- A constant temperature inside the enclosure is ensured – with three control modes
- High operational reliability





# Wall-mounted cooling units Blue e+



## Benefits:

- 75% energy saved due to speed-regulated components and heat pipe technology
- Suitable for international use due to multi-voltage support
- Longer service life of the components inside the enclosure and the cooling unit due to component-friendly cooling
- Intuitive operation due to touch display and intelligent interfaces

## Temperature control:

- e+ controller (factory setting +35°C)

## Material:

- Sheet steel

## Colour:

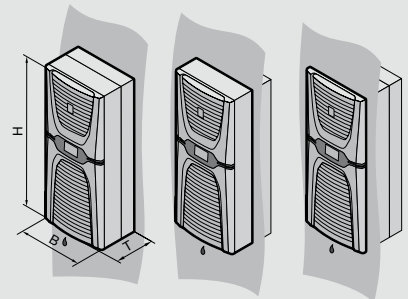
- RAL 7035

## Protection category IP to IEC 60 529:

- External circuit IP 24
- Internal circuit IP 55

## Supply includes:

- Drilling template
- Assembly parts



## Output class 1500 W

Model No.	Packs of	3185.830
Total cooling output 50 Hz L35 L35 to DIN EN 14511 kW		1.5
Total cooling output 50/60 Hz L35 L35 kW		1.5 / 1.5
Total cooling output 50/60 Hz L35 L50 kW		1/1
Rated operating voltage V, ~, Hz		110 - 230, 1~, 50/60 240, 2~, 50/60 380 - 480, 3~, 50/60
Width (B) mm		400
Height (H) mm		950
Depth (T) mm		305
Rated output kW		0.70
Power consumption Pel 50/60 Hz L35 L35 kW		0.50 / 0.50
Power consumption Pel 50/60 Hz L35 L50 kW		0.70 / 0.70
Operating temperature range		-30°C...+60°C
Setting range		+20°C...+50°C
Energy efficiency ratio (EER) 50 Hz L35 L35 to DIN EN 14511		3.00
Refrigerant g		R134a, 640
Permissible operating pressure (p. max.) bar		25
Air throughput of fans (unimpeded air flow), Internal circuit/ external circuit m³/h		700 / 900
Weight kg		38
<b>Accessories</b>		
Filter mats	3 pc(s).	3285.800
Metal filters	1 pc(s).	3285.810
Door-operated switch	1 pc(s).	4127.010

# Wall-mounted cooling units Blue e+



## Benefits:

- 75% energy saved due to speed-regulated components and heat pipe technology
- Suitable for international use due to multi-voltage support
- Longer service life of the components inside the enclosure and the cooling unit due to component-friendly cooling
- Intuitive operation due to touch display and intelligent interfaces

## Temperature control:

- e+ controller (factory setting +35°C)

## Material:

- Sheet steel

## Colour:

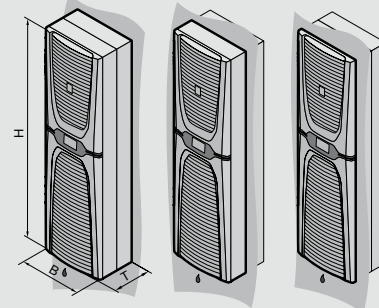
- RAL 7035

## Protection category IP to IEC 60 529:

- External circuit IP 24
- Internal circuit IP 55

## Supply includes:

- Drilling template
- Assembly parts



## Output class 2000 – 6000 W

Model No.	Packs of	3186.930	3187.930	3188.940	3189.940
Total cooling output 50 Hz L35 L35 to DIN EN 14511 kW		2	2.5	4	6
Total cooling output 50/60 Hz L35 L35 kW		2/2	2.5 / 2.5	4/4	6/6
Total cooling output 50/60 Hz L35 L50 kW		1.4 / 1.4	1.65 / 1.65	2.8 / 2.8	3.5 / 3.5
Rated operating voltage V, ~, Hz		110 - 230, 1~, 50/60 240, 2~, 50/60 380 - 480, 3~, 50/60	110 - 230, 1~, 50/60 240, 2~, 50/60 380 - 480, 3~, 50/60	380 - 480, 3~, 50/60	380 - 480, 3~, 50/60
Width (B) mm		450	450	450	450
Height (H) mm		1600	1600	1600	1600
Depth (T) mm		290	290	395	395
Rated output kW		0.97	1.21	1.83	2.75
Power consumption PeI 50/60 Hz L35 L35 kW		0.57 / 0.57	0.83 / 0.83	1.14 / 1.14	2.14 / 2.14
Power consumption PeI 50/60 Hz L35 L50 kW		0.95 / 0.95	1.19 / 1.19	1.75 / 1.75	2.5 / 2.5
Operating temperature range		-30°C...+60°C	-30°C...+60°C	-30°C...+60°C	-30°C...+60°C
Setting range		+20°C...+50°C	+20°C...+50°C	+20°C...+50°C	+20°C...+50°C
Energy efficiency ratio (EER) 50 Hz L35 L35 to DIN EN 14511		3.50	3.00	3.50	2.80
Refrigerant g		R134a, 1200	R134a, 1200	R134a, 1900	R134a, 1900
Permissible operating pressure (p. max.) bar		25	25	25	25
Air throughput of fans (unimpeded air flow), Internal circuit/ external circuit m³/h		1250 / 1250	1250 / 1250	2300 / 2300	2300 / 2300
Weight kg		55	57	84	85
Note on Model No.		-	-	Full internal mounting not possible	Full internal mounting not possible

## Accessories

		3285.900	3285.900	3285.900	3285.900
Filter mats	3 pc(s).	3285.900	3285.900	3285.900	3285.900
Metal filters	1 pc(s).	3285.910	3285.910	3285.910	3285.910
Door-operated switch	1 pc(s).	4127.010	4127.010	4127.010	4127.010

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02/16

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