

Ready to serve – the Rittal E box EB

The Rittal E box EB offers optimum protection and packaging of compact wiring and circuits in the smallest possible space. Fitted as standard with 180° hinges, zinc-plated mounting plate and double-bit lock, the E box is an ideal problem-solver in the field of small applications.

The integrated special lock system is fully incorporated into the electrical protection measures.

What is more, the enclosure will impress you with its sturdy sheet steel construction and multi-folded protection channel, which prevents the ingress of dirt and water when the enclosure is opened. The universal lock system can be equipped with any commercially available lock insert. The high protection category of IP 66 to EN 60 529/10.91 ensures reliable protection of the installed equipment.

Rittal E boxes EB have the following approvals:

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



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Width mm	Height mm	Depth mm	Model No. EB	
150	150	80	1551.600	58/59
150	300	80	1545.600	
200	200	80	1546.600	
200	300	80	1552.600	
200	400	80	1547.600	
150	150	120	1553.600	
150	300	120	1548.600	
200	200	120	1549.600	
200	300	120	1554.600	
200	400	120	1550.600	
200	500	120	1557.600	
300	300	120	1555.600	
300	400	120	1556.600	
300	400	155	1577.600	
300	600	155	1578.600	
300	800	155	1579.600	

The alternative materials:

Plastic

- PK see page 32/33
- KS see page 86/87

Cast aluminium

- GA see page 40/41



Rittal E box EB
EMC shielded
see page 302/303.

Standard:



Special lock system

The special lock system is fully integrated into the electrical protection measures. The standard double-bit lock insert is readily exchanged for any commercially available lock insert, see page 940 – 943.



180° hinge

The E box is fitted with 180° hinges for easy access.



Mounting plate

The supplied zinc-plated mounting plate can be removed and re-installed in a flash, and permits direct contacting of equipment.



1 A multi-folded protection channel provides additional stability and prevents the ingress of dirt and water when the enclosure is opened.

3 PE conductor connection points are provided on the enclosure and door.

5 Enclosure and door dipcoat primed in RAL 7044, powder coated in textured RAL 7032 on the outside.

7 Double-bit lock system for speedy opening and closing.

2 Zinc-plated mounting plate of 2 (2.5) mm sheet steel also permits wiring outside the enclosure.

4 Robust enclosure of sheet steel with hinged door, 180° opening angle.

6 The highly elastic, foamed-in PU seal guarantees a perfect seal. High protection category IP 66 to EN 60 529/10.91.



+ **Accessories:**

See page 876/877
or refer to index.

Material:

Sheet steel
Box: 1.25 mm;
1.38 mm for
EB 1555.600, EB 1556.600,
EB 1577.600 to EB 1579.600

Surface finish:

Box and door:
Dipcoat primed in RAL 7044,
powder coated in textured
RAL 7032 on the outside
Mounting plate: Zinc-plated

Protection category:

IP 66 to EN 60 529/10.91

Supply includes:

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

Lock systems

Standard double bit insert may
be exchanged for

- Lock inserts
type A see page 942
- Safety cylinder inserts
type B see page 943
- Plastic handles
type B see page 940
- T handles
type B see page 941



Enclosure attachment
CP 6525.600 for attachment
of the E box (120 and 155 mm
deep) on the support arm
system. Model No. s. p. 250.



Mounting clip
for support rail
For fastening cable trunking
etc.
Model No. see page 983.