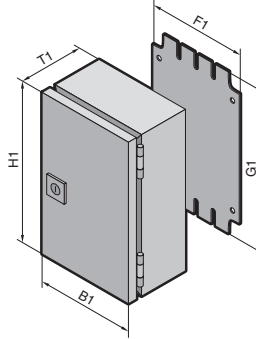
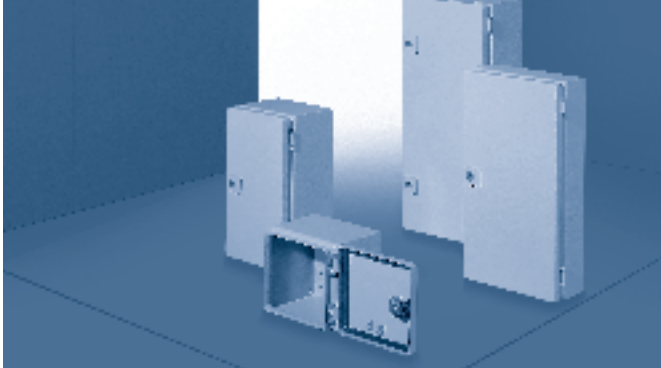


# EB Hinge Cover Junction Boxes



**Material:**

Sheet steel Enclosure:  
18 ga (1.25 mm)  
17 ga (1.38 mm) for EB 1555.500,  
EB 1556.500, EB 1577.500 to EB  
1579.500 16 ga (1.50 mm) for  
EB 1751.500 to EB 1755.500

**Finish:**

Enclosure and door:  
Dipcoat-primed, powder-coated  
on the outside in textured RAL  
7035 (light gray) Mounting panel:  
Zinc-plated

**Protection Ratings:**

IP 66 to EN 60 529/10.91, UL Type 4  
Stainless Steel Type 4x

**Configuration (North America):**

Enclosure mounting panel sold  
separately, door including 180°  
hinges, includes screwdriver  
insert, L Hand Hinged

**Configuration (Global Version):**

Includes mounting panel, includes  
cam lock with double-bit insert,  
R Hand Hinged

**Certifications:**

UL file: E76083

**Detailed Drawing:**

visit [www.rittal-corp.com](http://www.rittal-corp.com).

**Accessories:**

see pages 39-55.

**North American Products**

Height (H1) in inches (mm)	PU	4 (100)	6 (150)	6 (150)	6 (150)	8 (200)	8 (200)	10 (250)	12 (300)	12 (300)
Width (B1) in inches (mm)		4 (100)	4 (100)	4 (100)	6 (150)	6 (150)	8 (200)	8 (200)	6 (150)	10 (250)
Depth (T1) in inches (mm)		3 (75)	3 (75)	4 (100)	4 (100)	4 (100)	4 (100)	4 (100)	4 (100)	5 (125)
Panel Height (G1) in inches (mm)		5 (135)	5 (135)	5 (135)	5 (135)	7 (156)	7 (156)	9 (235)	11 (285)	11 (285)
Panel Width (F1) in inches (mm)		3 (75)	3 (75)	3 (75)	5 (125)	5 (125)	7 (175)	7 (175)	5 (125)	9 (225)
Part No. JB	1	<b>JB040403HC</b>	<b>JB060403HC</b>	<b>JB060404HC</b>	<b>JB060604HC</b>	<b>JB080604HC</b>	<b>JB080804HC</b>	<b>JB100808HC</b>	<b>JB120604HC</b>	<b>JB121005HC</b>
Panel Part No. JBMP		-	<b>JBMP0604</b>	<b>JBMP0604</b>	<b>JBMP0606</b>	<b>JBMP0806</b>	<b>JBMP0808</b>	<b>JBMP1008</b>	<b>JBMP1206</b>	<b>JBMP1210</b>
Door(s)		Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge
Weight in lb (kg)		2 (.91)	2.5 (1.4)	3 (1.44)	3.5 (1.6)	4.5 (2.0)	5.5 (2.5)	7.5 (3.41)	6 (2.7)	9 (4.1)

Height (H1) in inches (mm)		8 (200)	10 (250)	10 (250)	12 (300)	12 (300)	14 (350)	16 (400)	12 (300)	16 (400)
Width (B1) in inches (mm)		6 (150)	8 (200)	10 (250)	10 (250)	12 (300)	12 (300)	14 (350)	10 (250)	14 (350)
Depth (T1) in inches (mm)		6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	8 (200)	8 (200)
Panel Height (G1) in inches (mm)		7 (156)	9 (235)	9 (235)	11 (285)	11 (285)	13 (335)	15 (385)	11 (285)	15 (385)
Panel Width (F1) in inches (mm)		5 (125)	7 (175)	9 (225)	9 (225)	11 (275)	11 (275)	13 (325)	9 (225)	13 (325)
Part No. JB	1	<b>JB080606HC</b>	<b>JB100806HC</b>	<b>JB101006HC</b>	<b>JB121006HC</b>	<b>JB121206HC</b>	<b>JB141206HC</b>	<b>JB161406HC</b>	<b>JB121008HC</b>	<b>JB161408HC</b>
Panel Part No. JBMP		<b>JBMP0806</b>	<b>JBMP1008</b>	<b>JBMP1010</b>	<b>JBMP1210</b>	<b>JBMP1212</b>	<b>JBMP1412</b>	<b>JBMP1614</b>	<b>JBMP1210</b>	<b>JBMP1614</b>
Door(s)		Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge
Weight in lb (kg)		5.5 (2.5)	7.5 (3.41)	8.5 (3.9)	10 (4.5)	11 (5.0)	12 (5.5)	15 (6.8)	11 (5.0)	17 (7.7)

Height (H1) in inches (mm)		16 (400)	-	-	-	-	-	-	-	-
Width (B1) in inches (mm)		14 (350)	-	-	-	-	-	-	-	-
Depth (T1) in inches (mm)		10 (250)	-	-	-	-	-	-	-	-
Panel Height (G1) in inches (mm)		15 (385)	-	-	-	-	-	-	-	-
Panel Width (F1) in inches (mm)		14 (350)	-	-	-	-	-	-	-	-
Part No. JB	1	<b>JB161410HC</b>	-	-	-	-	-	-	-	-
Panel Part No. JBMP		<b>JBMP1614</b>	-	-	-	-	-	-	-	-
Door(s)		Hinge	-	-	-	-	-	-	-	-
Weight in lb (kg)		19 (8.6)	-	-	-	-	-	-	-	-

**Stainless Steel Type 304 Junction Boxes**

Height (H1) in inches (mm)	PU	4 (100)	6 (150)	6 (150)	6 (150)	8 (200)	8 (200)	10 (250)	12 (300)	12 (300)
Width (B1) in inches (mm)		4 (100)	4 (100)	4 (100)	6 (150)	6 (150)	8 (200)	8 (200)	6 (150)	10 (250)
Depth (T1) in inches (mm)		3 (75)	3 (75)	4 (100)	4 (100)	4 (100)	4 (100)	4 (100)	4 (100)	5 (125)
Panel Height (G1) in inches (mm)		4 (100)	5 (135)	5 (135)	5 (135)	7 (156)	7 (156)	9 (235)	11 (285)	11 (285)
Panel Width (F1) in inches (mm)		3 (75)	3 (75)	3 (75)	5 (125)	5 (125)	7 (175)	7 (175)	5 (125)	9 (225)
Part No. JB	1	<b>JB040403H4</b>	<b>JB060403H4</b>	<b>JB060404H4</b>	<b>JB060604H4</b>	<b>JB080604H4</b>	<b>JB080804H4</b>	<b>JB100804H4</b>	<b>JB120604H4</b>	<b>JB121005H4</b>
Panel Part No. JBMP		<b>JBMP0404</b>	<b>JBMP0604</b>	<b>JBMP0604</b>	<b>JBMP0606</b>	<b>JBMP0806</b>	<b>JBMP0808</b>	<b>JBMP1008</b>	<b>JBMP1206</b>	<b>JBMP1210</b>
Door(s)		Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge
Weight in lb (kg)		2 (.91)	2.5 (1.4)	3 (1.4)	3.5 (1.6)	4.5 (2.0)	5.5 (2.5)	7.5 (3.41)	6 (2.7)	9 (4.1)

**Lock Systems**

Standard double-bit lock insert may be exchanged for lock inserts, type A lock cylinder inserts, see page 42, plastic handles and T handles, type B, see page 41.

Black cells indicate Rittal XPress product.

# EB Hinge Cover Junction Boxes

## International Products

### Carbon Steel EB enclosures (includes mounting panel)

Height (H1) in inches (mm)	PU	6 (150)	8 (200)	12 (300)	12 (300)	16 (400)
Width (B1) in inches (mm)		6 (150)	8 (200)	6 (150)	8 (200)	8 (200)
Depth (T1) in inches (mm)		3 (80)	3 (80)	3 (80)	3 (80)	3 (80)
Panel height (G1) in inches (mm)		5 (135)	7 (185)	11 (285)	11 (285)	15 (385)
Panel width (F1) in inches (mm)		5 (125)	7 (175)	5 (125)	7 (175)	7 (175)
<b>Part No. EB</b>	<b>1</b>	<b>1551.500</b>	<b>1546.500</b>	<b>1545.500</b>	<b>1552.500</b>	<b>1547.500</b>
Door(s)		-	-	-	-	-
Weight in lb (kg)		4 (1.7)	5 (2.4)	6 (2.6)	7 (3.2)	10 (4.4)

Height (H1) in inches (mm)	PU	6 (150)	8 (200)	8 (200)	12 (300)	12 (300)
Width (B1) in inches (mm)		6 (150)	6 (150)	8 (200)	8 (200)	8 (200)
Depth (T1) in inches (mm)		5 (120)	5 (120)	5 (120)	5 (120)	5 (120)
Panel height (G1) in inches (mm)		5 (135)	7 (185)	7 (185)	11 (285)	11 (285)
Panel width (F1) in inches (mm)		5 (125)	5 (125)	7 (175)	5 (125)	7 (175)
<b>Part No. EB</b>	<b>1</b>	<b>1553.500</b>	<b>1751.500</b>	<b>1549.500</b>	<b>1548.500</b>	<b>1554.500</b>
Door(s)		-	-	-	-	-
Weight in lb (kg)		4 (2.0)	5 (2.4)	6 (2.8)	7 (3.0)	8 (3.6)

Height (H1) in inches (mm)	PU	12 (300)	16 (400)	16 (400)	20 (500)	10 (250)
Width (B1) in inches (mm)		12 (300)	8 (200)	12 (300)	8 (200)	8 (200)
Depth (T1) in inches (mm)		5 (120)	5 (120)	5 (120)	5 (120)	6 (155)
Panel height (G1) in inches (mm)		11 (285)	15 (385)	15 (385)	19 (485)	9 (235)
Panel width (F1) in inches (mm)		11 (275)	7 (175)	11 (275)	7 (175)	7 (175)
<b>Part No. EB</b>	<b>1</b>	<b>1555.500</b>	<b>1550.500</b>	<b>1556.500</b>	<b>1557.500</b>	<b>1752.500</b>
Door(s)		-	-	-	-	-
Weight in lb (kg)		11 (5.0)	11 (5.0)	14 (6.4)	14 (6)	8 (3.6)

Height (H1) in inches (mm)	PU	12 (300)	14 (350)	16 (400)	16 (400)	24 (600)
Width (B1) in inches (mm)		10 (250)	12 (300)	12 (300)	14 (350)	12 (300)
Depth (T1) in inches (mm)		6 (155)	6 (155)	6 (155)	6 (155)	6 (155)
Panel height (G1) in inches (mm)		11 (285)	13 (335)	15 (385)	15 (385)	23 (585)
Panel width (F1) in inches (mm)		9 (225)	11 (275)	11 (275)	13 (325)	11 (275)
<b>Part No. EB</b>	<b>1</b>	<b>1753.500</b>	<b>1754.500</b>	<b>1577.500</b>	<b>1755.500</b>	<b>1578.500</b>
Door(s)		-	-	-	-	-
Weight in lb (kg)		11 (5.0)	13 (5.8)	16 (7.1)	14 (6.3)	23 (11)

Height (H1) in inches (mm)	PU	32 (800)	-	-	-	-
Width (B1) in inches (mm)		12 (300)	-	-	-	-
Depth (T1) in inches (mm)		6 (155)	-	-	-	-
Panel height (G1) in inches (mm)		31 (785)	-	-	-	-
Panel width (F1) in inches (mm)		11 (275)	-	-	-	-
<b>Part No. EB</b>	<b>1</b>	<b>1579.500</b>	-	-	-	-
Door(s)		-	-	-	-	-
Weight in lb (kg)		29 (13)	-	-	-	-

Blue cells indicate A items, generally available off-the-shelf for immediate delivery.

# EB Hinge Cover Junction Boxes

## Stainless Steel Type 304 Junction Boxes

Height (H) in inches (mm)		8 (200)	10 (250)	10 (250)	12 (300)	12 (300)	14 (350)	16 (400)	12 (300)	16 (400)
Width (B) in inches (mm)		6 (150)	8 (200)	10 (250)	10 (250)	12 (300)	12 (300)	14 (350)	10 (250)	14 (350)
Depth (T) in inches (mm)		6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	8 (200)	8 (200)
Panel Height (G1) in inches (mm)		7 (156)	9 (235)	9 (235)	11 (285)	11 (285)	13 (335)	15 (385)	11 (285)	15 (385)
Panel Width (F1) in inches (mm)		5 (125)	7 (175)	9 (225)	9 (225)	11 (275)	11 (275)	13 (325)	9 (225)	13 (325)
Part No. JB	1	JB080606H4	JB100806H4	JB101006H4	JB121006H4	JB121206H4	JB141206H4	JB161406H4	JB121008H4	JB161408H4
Panel Part No. JBMP		JBMP0806	JBMP1008	JBMP1010	JBMP1210	JBMP1212	JBMP1412	JBMP1614	JBMP1210	JBMP1614
Door(s)		Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge
Weight in lb (kg)		5.5 (2.5)	7.5 (3.41)	8.5 (3.9)	10 (4.5)	11 (5.0)	12 (5.5)	15 (6.8)	11 (5.0)	17 (7.7)

Height (H1) in inches (mm)		16 (400)	-	-	-	-	-	-	-	-
Width (B1) in inches (mm)		14 (350)	-	-	-	-	-	-	-	-
Depth (T1) in inches (mm)		10 (250)	-	-	-	-	-	-	-	-
Panel Height (G1) in inches (mm)		15 (385)	-	-	-	-	-	-	-	-
Panel Width (F1) in inches (mm)		13 (325)	-	-	-	-	-	-	-	-
Part No. JB	1	JB161410H4	-	-	-	-	-	-	-	-
Panel Part No. JBMP		JBMP1614	-	-	-	-	-	-	-	-
Door(s)		Hinge	-	-	-	-	-	-	-	-
Weight in lb (kg)		19 (8.6)	-	-	-	-	-	-	-	-

## Stainless Steel Type 316L Junction Boxes

Height (H1) in inches (mm)	PU	4 (100)	6 (150)	6 (150)	6 (150)	8 (200)	8 (200)	10 (250)	12 (300)	12 (300)
Width (B1) in inches (mm)		4 (100)	4 (100)	4 (100)	6 (150)	6 (150)	8 (200)	8 (200)	6 (150)	10 (250)
Depth (T1) in inches (mm)		3 (75)	3 (75)	4 (100)	4 (100)	4 (100)	4 (100)	4 (100)	4 (100)	5 (125)
Panel Height (G1) in inches (mm)			5 (135)	5 (135)	5 (135)	7 (156)	7 (156)	9 (235)	11 (285)	11 (285)
Panel Width (F1) in inches (mm)			3 (75)	3 (75)	5 (125)	5 (125)	7 (175)	7 (175)	5 (125)	9 (225)
Part No. JB	1	JB040403H6	JB060403H6	JB060404H6	JB060604H6	JB080604H6	JB080804H6	JB100804H6	JB120604H6	JB121005H6
Panel Part No. JBMP		JBMP0404	JBMP0604	JBMP0604	JBMP0606	JBMP0806	JBMP0808	JBMP1008	JBMP1206	JBMP1210
Door(s)		Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge
Weight in lb (kg)		2 (.9)	2.5 (1.4)	3 (1.4)	3.5 (1.6)	4.5 (2.0)	5.5 (2.5)	7.5 (3.4)	6 (2.7)	9 (4.1)

Height (H1) in inches (mm)		8 (200)	10 (250)	10 (250)	12 (300)	12 (300)	14 (350)	16 (400)	12 (300)	16 (400)
Width (B1) in inches (mm)		6 (150)	8 (200)	10 (250)	10 (250)	12 (300)	12 (300)	14 (350)	10 (250)	14 (350)
Depth (T1) in inches (mm)		6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	6 (150)	8 (200)	8 (200)
Panel Height (G1) in inches (mm)		7 (156)	9 (235)	9 (235)	11 (285)	11 (285)	13 (335)	15 (385)	11 (285)	15 (385)
Panel Width (F1) in inches (mm)		5 (125)	7 (175)	9 (225)	9 (225)	11 (275)	11 (275)	13 (325)	9 (225)	13 (325)
Part No. JB	1	JB080606H6	JB100806H6	JB101006H6	JB121006H6	JB121206H6	JB141206H6	JB161406H6	JB121008H6	JB161408H6
Panel Part No. JBMP		JBMP0806	JBMP1008	JBMP1010	JBMP1210	JBMP1212	JBMP1412	JBMP1614	JBMP1210	JBMP1614
Door(s)		Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge	Hinge
Weight in lb (kg)		5.5 (2.5)	7.5 (3.41)	8.5 (3.9)	10 (4.5)	11 (5.0)	12 (5.5)	15 (6.8)	11 (5.0)	17 (7.7)

Height (H1) in inches (mm)		16 (400)	-	-	-	-	-	-	-	-
Width (B1) in inches (mm)		14 (350)	-	-	-	-	-	-	-	-
Depth (T1) in inches (mm)		10 (250)	-	-	-	-	-	-	-	-
Panel Height (G1) in inches (mm)		15 (385)	-	-	-	-	-	-	-	-
Panel Width (F1) in inches (mm)		13 (325)	-	-	-	-	-	-	-	-
Part No. JB	1	JB161410H6	-	-	-	-	-	-	-	-
Panel Part No. JBMP		JBMP1614	-	-	-	-	-	-	-	-
Door(s)		Hinge	-	-	-	-	-	-	-	-
Weight in lb (kg)		19 (8.6)	-	-	-	-	-	-	-	-

Black cells indicate Rittal XPress product.