

Rittal – The System.

Faster – better – everywhere.

Digital Brochure

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES



Rittal – The System.

Faster – better – everywhere.



Stainless Steel

Small Housing

Junction Boxes KL	168
Junction Boxes JB.....	169

Compact Enclosures

Wall-Mounted Housing WM.....	171
Compact Enclosures AE.....	175

Enclosure Systems

TS 8 Stand Systems.....	178
System Enclosures SE 8.....	179
System Enclosures SE 8, IP 66/NEMA 4X	180
One-Piece Consoles.....	181

Command Panel Housing

Command Panel Housing with Door.....	183
--------------------------------------	-----

Support Arm System

Support Arm System CP 40	132
--------------------------------	-----

Junction Boxes KL



System accessories Page 421 **KL carbon steel** Page 27 **KL for potentially explosive areas** Page 186 **KL Hygienic Design** Page 162

Material:

- Housing; Stainless steel 1.4301 (AISI 304)
- Cover: Stainless steel 1.4301 (AISI 304), all-round foamed-in PU seal

Surface finish:

- Housing and cover: Brushed, grain 180

Protection category IP to IEC 60 529:

- IP 66

Protection category NEMA:

- NEMA 4X

Supply includes:

- Housing with cover
- Quick-release fasteners including plastic bushings

Approvals:

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

Technical details:

Available on the Internet

Stainless Steel

Height inches (mm)	Packs of	6 (150)	6 (150)	6 (150)	8 (200)	8 (200)	Page
Width inches (mm)		6 (150)	6 (150)	12 (300)	8 (200)	8 (200)	
Depth inches (mm)		3 (80)	5 (120)	3 (80)	3 (80)	5 (120)	
Material thickness, housing ga (mm)		18 (1.25)	18 (1.25)	18 (1.25)	18 (1.25)	18 (1.25)	
Material thickness, cover ga (mm)		18 (1.25)	18 (1.25)	18 (1.25)	18 (1.25)	18 (1.25)	
Model No.	1 pc(s).	1521.010	1527.010	1522.010	1523.010	1528.010	
Weight lb (kg)		3 (1.3)	4 (1.6)	4 (1.8)	4 (1.8)	5 (2.2)	
Number of quick-release fasteners		4	4	4	4	4	
Accessories							
Mounting plates	1 pc(s).	1560.700	1560.700	1561.700	1562.700	1562.700	507
Wall mounting bracket	4 pc(s).	1594.000	1594.000	1594.000	1594.000	1594.000	503
Wall mounting angle	4 pc(s).	2583.010	2583.010	2583.010	2583.010	2583.010	505
Pole clamp	1 set(s)	2584.000	2584.000	2584.000	2584.000	2584.000	505
Support rails TS 35/7.5	10 pc(s).	2314.000	2314.000	2316.000	2315.000	2315.000	530
Cover hinge	2 pc(s).	1592.010	1592.010	1592.010	1592.010	1592.010	492
Pressure relief plugs	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	448

Stainless Steel

Height inches (mm)	Packs of	8 (200)	8 (200)	8 (200)	12 (300)	12 (300)	Page
Width inches (mm)		12 (300)	12 (300)	16 (400)	12 (300)	16 (400)	
Depth inches (mm)		3 (80)	5 (120)	5 (120)	5 (120)	5 (120)	
Material thickness, housing ga (mm)		18 (1.25)	18 (1.25)	18 (1.25)	18 (1.25)	18 (1.25)	
Material thickness, cover ga (mm)		18 (1.25)	18 (1.25)	18 (1.25)	18 (1.25)	18 (1.25)	
Model No.	1 pc(s).	1524.010	1529.010	1525.010	1526.010	1530.010	
Weight lb (kg)		5 (2.4)	6 (2.9)	8 (3.6)	9 (3.9)	10 (4.6)	
Number of quick-release fasteners		4	4	4	4	4	
Accessories							
Mounting plates	1 pc(s).	1563.700	1563.700	1564.700	1567.700	1568.700	507
Wall mounting bracket	4 pc(s).	1594.000	1594.000	1594.000	1594.000	1594.000	503
Wall mounting angle	4 pc(s).	2583.010	2583.010	2583.010	2583.010	2583.010	505
Pole clamp	1 set(s)	2584.000	2584.000	2584.000	2584.000	2584.000	505
Support rails TS 35/7.5	10 pc(s).	2316.000	2316.000	2317.000	2316.000	2316.000	530
Cover hinge	2 pc(s).	1592.010	1592.010	1592.010	1592.010	1592.010	492
Pressure relief plugs	5 pc(s).	2459.500	2459.500	2459.500	2459.500	2459.500	448



System accessories Page 421 JB carbon steel Page 31

Material:

- Housing: Stainless steel 1.4301 (AISI 304)
- Door: Stainless steel 1.4301 (AISI 304), all-round foamed-in PU seal

Surface finish:

- Housing and door: Brushed, grain 240

Protection category IP to IEC 60 529:

- IP 55
- IP 66

Protection category NEMA:

- NEMA 12, 3R, 4X

Approvals:

- UL
- cUL

Supply includes:

- Housing with hinged door, left-hand door catch
- 180° hinge
- Screwdriver insert
- Blind rivet nuts for wall mounting

Technical details:

Available on the Internet

Stainless Steel, with Hinged Door

Height (H) inches (mm)	Packs of	4 (100)	6 (150)	6 (150)	6 (150)	8 (200)	8 (200)	Page
Width (W) inches (mm)		4 (100)	4 (100)	4 (100)	6 (150)	6 (150)	8 (200)	
Depth (D) inches (mm)		3 (75)	3 (75)	4 (100)	4 (100)	4 (100)	4 (100)	
Material thickness, housing ga (mm)		16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	
Material thickness, cover ga (mm)		16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	
Model No.	1 pc(s).	8018.134	8018.132	8018.136	8018.110	8018.129	8018.131	
Model No. US	1 pc(s).	JB040403H4	JB060403H4	JB060404H4	JB060604H4	JB080604H4	JB080804H4	
Weight lb (kg)		2 (0.9)	3 (1.2)	3 (1.4)	4 (1.6)	4 (1.9)	5 (2.4)	

Accessories

Wall mounting bracket	4 pc(s).	1594.000	1594.000	1594.000	1594.000	1594.000	1594.000	503
-----------------------	----------	----------	----------	----------	----------	----------	----------	-----

Stainless Steel

Height (H) inches (mm)	Packs of	10 (250)	8 (200)	10 (250)	10 (250)	Page
Width (W) inches (mm)		8 (200)	6 (150)	8 (200)	10 (250)	
Depth (D) inches (mm)		4 (100)	6 (150)	6 (150)	6 (150)	
Material thickness, housing ga (mm)		16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	
Material thickness, cover ga (mm)		16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	
Model No.	1 pc(s).	8018.109	8018.138	8018.130	8018.133	
Model No. US	1 pc(s).	JB100804H4	JB080606H4	JB100806H4	JB101006H4	
Weight lb (kg)		6 (2.7)	5 (2.2)	7 (3.3)	7 (3.6)	

Accessories

Wall mounting bracket	4 pc(s).	1594.000	1594.000	1594.000	1594.000	503
-----------------------	----------	----------	----------	----------	----------	-----

Junction Boxes JB

Stainless Steel

Height (H) inches (mm)	Packs of	12 (300)	12 (300)	14 (350)	16 (400)	12 (300)	16 (400)	Page
Width (W) inches (mm)		10 (250)	12 (300)	12 (300)	14 (350)	10 (250)	14 (350)	
Depth (D) inches (mm)		6 (150)	6 (150)	6 (150)	6 (150)	8 (200)	8 (200)	
Material thickness, housing ga (mm)		16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	
Material thickness, cover ga (mm)		16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	16 (1.5)	
Model No.	1 pc(s).	8018.108	8018.111	8018.112	8018.113	8018.139	8018.140	
Model No. US	1 pc(s).	JB121006H4	JB121206H4	JB141206H4	JB161406H4	JB121008H4	JB161408H4	
Weight lb (kg)		10 (4.5)	11 (5.2)	12 (5.5)	15 (6.7)	11 (5.0)	17 (7.6)	
Accessories								
Wall mounting bracket	4 pc(s).	1594.000	1594.000	1594.000	1594.000	1594.000	1594.000	503

Accessories



Wall Mounting Bracket

from page 503