

# Rittal – The System.

Faster – better – everywhere.



## JB 8018.103 JB Junction box

State: 9/22/2025 (Source: [rittal.com/us-en](http://rittal.com/us-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# JB 8018.103 - JB Junction box Carbon steel

The JB enclosure offers protection for dense wiring and sensitive small instruments. These hinged cover junction boxes combine the advantages of the AE and KL series at an economical cost. Features include 180 degree hinge and slotted insert quarter turn latch. Foamed-in-place gasket and a knife-edge perimeter add extra protection.



## Features

|                                     |  |
|-------------------------------------|--|
| Model No.                           | JB 8018.103  |
| Material                            | Housing and door: Carbon steel, all-round foamed-in PU seal                    |
| Surface finish                      | Housing and door: Dipcoat primed, powder-coated on the outside, textured paint |
| Color                               | RAL 7035   |
| Supply includes                     | 180° hinge<br>Housing with door<br>Mounting panel                              |
| Material thickness - door           | 1.5 mm<br>0.06 "   |
| Material thickness - enclosure      | 1.5 mm<br>0.06 "   |
| Material thickness – mounting plate | 1.5 mm<br>0.06 "   |
| Position door catch                 | left   |

## Features

---

|            |  |
|------------|--|
| Dimensions | Width: 150 mm<br>Height: 200 mm<br>Depth: 100 mm<br>Width: 5.91 "<br>Height: 7.87 "<br>Depth: 3.94 " |
|------------|--|

---

|                                     |       |
|-------------------------------------|-------|
| Protection category IP to IEC 60529 | IP 66 |
|-------------------------------------|-------|

---

|                          |        |
|--------------------------|--------|
| Protection category NEMA | NEMA 4 |
|--------------------------|--------|

---

|                |          |
|----------------|----------|
| Packaging unit | 1 pc(s). |
|----------------|----------|

---

|            |       |
|------------|-------|
| Net weight | 3.968 |
|------------|-------|

---

|              |       |
|--------------|-------|
| Gross weight | 3.999 |
|--------------|-------|

---

|                       |            |
|-----------------------|------------|
| Customs tariff number | 7326909099 |
|-----------------------|------------|

---

|          |       |
|----------|-------|
| UPC-Code | 83256 |
|----------|-------|

---

## Approvals

---

|           |    |
|-----------|----|
| Approvals | UL |
|-----------|----|

---

|              |                           |
|--------------|---------------------------|
| Explanations | Declaration of conformity |
|--------------|---------------------------|