

**KEBI QL 302015 S2B1****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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For many years, the name Klippon® has stood for competence and quality in enclosures. The Klippon® EBi industrial enclosure series protects your components reliably if they are used in moderate environmental conditions and is designed for everyday applications. With the ever-increasing need for individual application solutions, the Klippon® EBi with its high degree of protection and impact resistance is ideally suited to your needs.

Our standard product is the Klippon® EBi QL – with hinged door and double-bit key lock.

A variant with mounting screws is also available, but is only manufactured on request and is subject to a minimum order quantity. DNV GL and cULus approvals are also available on request.

**General ordering data**

|            |                                                                                                                                                                                                                                   |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Klippon EBi QL (Essential Box industrial - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 300 mm, Width: 200 mm, Depth: 150 mm, Gland plates: Bottom, Material: Stainless steel 1.4301 (304), Brushed, silver |
| Order No.  | <a href="#">2470800000</a>                                                                                                                                                                                                        |
| Type       | KEBI QL 302015 S2B1                                                                                                                                                                                                               |
| GTIN (EAN) | 4050118591095                                                                                                                                                                                                                     |
| Qty.       | 1 pc(s).                                                                                                                                                                                                                          |

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## Technical data

## Dimensions and weights

|                            |             |                             |            |
|----------------------------|-------------|-----------------------------|------------|
| Depth                      | 150 mm      | Depth (inches)              | 5.905 inch |
| Diameter                   | 9 mm        | Height                      | 300 mm     |
| Height (inches)            | 11.811 inch | Mounting dimension - height | 250 mm     |
| Mounting dimension - width | 150 mm      | Net weight                  | 3,656 g    |
| Wall thickness, max.       | 2 mm        | Wall thickness, min.        | 2 mm       |
| Width                      | 200 mm      | Width (inches)              | 7.874 inch |

## Temperatures

|                       |                |                             |                 |
|-----------------------|----------------|-----------------------------|-----------------|
| Operating temperature | -40 °C...85 °C | Operating temperature range | -40 °C to 85 °C |
|-----------------------|----------------|-----------------------------|-----------------|

## Cable glands, left

|     |    |     |    |
|-----|----|-----|----|
| M12 | 33 | M16 | 27 |
| M20 | 14 | M25 | 12 |
| M32 | 5  | M40 | 4  |
| M50 | 3  | M63 | 2  |

## Cable glands, right

|     |    |     |    |
|-----|----|-----|----|
| M12 | 33 | M16 | 27 |
| M20 | 14 | M25 | 12 |
| M32 | 5  | M40 | 4  |
| M50 | 3  | M63 | 2  |

## Cable glands, top/bottom

|     |    |     |    |
|-----|----|-----|----|
| M12 | 21 | M16 | 15 |
| M20 | 8  | M25 | 6  |
| M32 | 3  | M40 | 2  |
| M50 | 2  | M63 | 1  |

## Certificate numbers enclosure

|                         |         |                                          |                           |
|-------------------------|---------|------------------------------------------|---------------------------|
| Approval conditions     | cULus   | Certificate No. (DNVGL)                  | TAE00002RN                |
| Certificate no. (cULus) | E243298 | Declaration of Conformatiy No. (DoC LVD) | DE PS2650 180129 001ISS00 |

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## General information

|                                 |                                                                                                                                |                               |                                                               |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------|
| Access opening: height          | 242.5 mm                                                                                                                       | Access opening: width         | 142.5 mm                                                      |
| Areas of use                    | Harbour facilities,<br>Machine construction,<br>Transportation, Marine<br>engineering, Packaging<br>industry, Process industry | Enclosure attachment          | Fixing lugs, Installation<br>through the housing rear<br>wall |
| Flange plate                    | Yes                                                                                                                            | Flange plate mounting         | M5 Torx stainless-steel<br>screws TX20                        |
| Gland plates                    | Bottom                                                                                                                         | Impact resistance             | 10.00 J                                                       |
| Integral fixing                 | Screwed                                                                                                                        | Lid                           | Yes                                                           |
| Lid attachment                  | Quarter-turn fastener with<br>slotted insert                                                                                   | Material                      | Stainless steel 1.4301<br>(304)                               |
| Material thickness              | 1.25 mm                                                                                                                        | Material thickness of cover   | 1.25 mm                                                       |
| Material thickness of enclosure | 1.25 mm                                                                                                                        | Material thickness of flange  | 1.25 mm                                                       |
| Opening angle lid               | 125 °                                                                                                                          | Operating temperature, max.   | 85 °C                                                         |
| Operating temperature, min.     | -40 °C                                                                                                                         | Protection class (UL)         | Type 3, Type 4x, Type 5                                       |
| Protection degree               | IP66                                                                                                                           | Seal material                 | Polyurethane foamed,<br>EPDM                                  |
| Seal material of cover          | Polyurethane foamed                                                                                                            | Seal material of flange plate | EPDM                                                          |
| Standards                       | DIN EN 62208, IEC 60529                                                                                                        | Surface finish                | Brushed                                                       |

## Housing earth

|                            |                                                                           |                            |                    |
|----------------------------|---------------------------------------------------------------------------|----------------------------|--------------------|
| Earth, enclosure, cover    | Welded-on M6 stainless-<br>steel earth stud in<br>enclosure body and lid. | Earth, enclosure, external | M6 earth tab rivet |
| Earth, enclosure, internal | Welded-on M6 stainless-<br>steel earth stud in<br>enclosure body and lid. |                            |                    |

## horizontal assembly

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 3x9  | WDU 16 / ZDU 16 | 3x7  |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 3x17 | WDU 35 / ZDU 35 | 3x5  |
| WDU 4 / ZDU 4               | 3x14 | WDU 6 / ZDU 6   | 3x11 |

## vertical assembly

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 1x18 | WDU 16 / ZDU 16 | 1x15 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x36 | WDU 35 / ZDU 35 | 1x11 |
| WDU 4 / ZDU 4               | 1x30 | WDU 6 / ZDU 6   | 1x23 |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000261    | ETIM 7.0    | EC000261    |
| ECLASS 9.0  | 27-18-01-01 | ECLASS 9.1  | 27-18-92-90 |
| ECLASS 10.0 | 27-18-01-01 | ECLASS 11.0 | 27-18-01-01 |

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Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E243298 |

**Downloads**

|                                             |                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">TAE00002RN</a><br><a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                    |
| Engineering Data                            | <a href="#">EPLAN</a>                                                   |
| User Documentation                          | <a href="#">Mounting Instructions Empty enclosures Klippon</a>          |
| Brochure/Catalogue                          | <a href="#">Catalogues in PDF-format</a>                                |

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# Drawings

## Dimensioned drawing

