

**HDC 10B ABU EMC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

The new Weidmüller RockStar® IP65 EMV enclosures are ideally suited for use in the harshest environmental conditions and provide protection against electromagnetic interference. A heavy-duty connector consists of a connector insert and its protective housing. The new plastic straps are easy to lock and can be replaced at any time. All Weidmüller RockStar® enclosures are made of high quality die-cast aluminium. This makes them impact- and corrosion-resistant, yet compact and lightweight.

**General ordering data**

|            |                                                                                                                                                             |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | HDC enclosures, Size: 4, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Side-locking clamp replaceable |
| Order No.  | <a href="#">2542310000</a>                                                                                                                                  |
| Type       | HDC 10B ABU EMC                                                                                                                                             |
| GTIN (EAN) | 4050118648768                                                                                                                                               |
| Qty.       | 1 pc(s).                                                                                                                                                    |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 93 mm   | Depth (inches)  | 3.661 inch |
| Height     | 30 mm   | Height (inches) | 1.181 inch |
| Width      | 45 mm   | Width (inches)  | 1.772 inch |
| Net weight | 115.7 g |                 |            |

## Temperatures

|                   |                   |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °C |
|-------------------|-------------------|

## General data

|                             |                                      |                           |                             |
|-----------------------------|--------------------------------------|---------------------------|-----------------------------|
| EMC housings                | Yes                                  | Housing main material     | diecast aluminium           |
| Material of locking element | PA 66/6, Stainless steel, rust-proof | Protection degree         | IP65 (in plugged condition) |
| Surface finish              | Powder coating                       | UL 94 flammability rating | V-0                         |

## Version

|                        |                         |                          |                                                                  |
|------------------------|-------------------------|--------------------------|------------------------------------------------------------------|
| BG                     | 4                       | Clamp version            | Side-locking clamp                                               |
| Colour (RAL)           | RAL 9011                | Cover                    | without cover                                                    |
| Design of housing      |                         | Design of locking system | Side-locking clamp on lower side, Side-locking clamp replaceable |
|                        | Bulkhead housing        |                          |                                                                  |
| Sealing                | FPM                     | Size                     | 4                                                                |
| Suitable for ModuPlug® | Yes                     | Top part/bottom part/lid | lower part                                                       |
| Type                   | Bulkhead (feed-through) |                          |                                                                  |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | EC000437    | ECLASS 9.0  | 27-44-02-02 |
| ECLASS 9.1  | 27-44-02-02 | ECLASS 10.0 | 27-44-02-02 |
| ECLASS 11.0 | 27-44-02-02 | ECLASS 12.0 | 27-44-02-02 |
| ECLASS 13.0 | 27-44-02-02 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

|                     |               |
|---------------------|---------------|
| Substance           | Hydraulic oil |
| Chemical resistance | Resistant     |
| Substance           | Petrol        |
| Chemical resistance | Resistant     |
| Substance           | UV            |
| Chemical resistance | Resistant     |
| Substance           | Ozone         |
| Chemical resistance | Resistant     |

## Environmental Product Compliance

|                        |                                                                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliance Status | Compliant without exemption                                                                                                                                                                |
| REACH SVHC             | No SVHC above 0.1 wt%                                                                                                                                                                      |
| Chemical resistance    | de.myview.objectmodel.impl.BlockImpl@407dc51b de.myview.objectmodel.impl.BlockImpl@6356c27f<br>de.myview.objectmodel.impl.BlockImpl@149ffa82 de.myview.objectmodel.impl.BlockImpl@76db7f3c |

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Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



|                 |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                       |            |
|-----------------------|------------|
| UL File Number Search | UL Website |
|-----------------------|------------|

|                         |        |
|-------------------------|--------|
| Certificate No. (cURus) | E92202 |
|-------------------------|--------|

**Downloads**

|                  |                                 |
|------------------|---------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a> |
|------------------|---------------------------------|

|                             |                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Product Change Notification | <a href="#">20220214 Technical change to HDC housings</a><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a> |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|

|            |                                          |
|------------|------------------------------------------|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
|------------|------------------------------------------|

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## Drawings

