

HDC 32B ABU**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**IP65**

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

| | |
|------------|--|
| Version | HDC enclosures, Size: 10, Protection degree: IP65 (in plugged condition), Bulkhead housing, Side-locking clamp on lower side, Standard |
| Order No. | 1217800000 |
| Type | HDC 32B ABU |
| GTIN (EAN) | 4008190148393 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|-------|----------------------------|------------|
| Height | 38 mm | Height (inches) | 1.496 inch |
| Width | 97 mm | Width (inches) | 3.819 inch |
| Mounting dimension - height | 65 mm | Mounting dimension - width | 110 mm |
| Net weight | 276 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|--------|----------------------|---------|
| Height of base B1 | 7 mm | Height of housing B | 38 mm |
| Hole pitch length A2 | 110 mm | Total length housing | 94 mm |
| Width base C1 | 89 mm | Width housing C | 82.5 mm |

General data

| | | | |
|-----------------------------|-----------------------------|-----------------------|-----------------------------|
| EMC housings | No | Housing main material | diecast aluminium |
| Material of locking element | Stainless steel, rust-proof | Protection degree | IP65 (in plugged condition) |
| Surface finish | Powder coating | Tightening torque | 2 Nm |

Version

| | | | |
|--------------------------|------------------|--------------------------|----------------------------------|
| BG | 10 | Clamp version | Side-locking clamp |
| Colour (RAL) | RAL 7035 | Design | Standard |
| Design of housing | Bulkhead housing | Design of locking system | Side-locking clamp on lower side |
| Sealing | NBR | Size | 10 |
| Suitable for ModuPlug® | Yes | Tightening torque | 2 Nm |
| 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 |
| 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 | | |

| | |
|---------------------|-------------------------|
| Substance | Acetone |
| Chemical resistance | Conditionally resistant |
| Substance | Drilling oil |
| Chemical resistance | Resistant |
| Substance | Diesel |
| Chemical resistance | Resistant |
| Substance | Ethyl alcohol |
| Chemical resistance | Resistant |
| Substance | Transmission oil |
| Chemical resistance | Resistant |

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| | |
|---------------------|-------------------------|
| Substance | Hydraulic oil |
| Chemical resistance | Resistant |
| Substance | Coolant |
| Chemical resistance | Resistant |
| Substance | Petroleum benzine |
| Chemical resistance | Resistant |
| Substance | Sweat |
| Chemical resistance | Resistant |
| Substance | Premium gasoline |
| Chemical resistance | Conditionally resistant |
| Substance | Water |
| Chemical resistance | Resistant |
| Substance | UV |
| Chemical resistance | Unstable |
| Substance | Ozone |
| Chemical resistance | Unstable |

Environmental Product Compliance

| | |
|--------------------------------------|--|
| REACH SVHC | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | e98b2b24-ba23-41bf-8d19-Odda3647412f |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@1cc77f63 de.myview.objectmodel.impl.BlockImpl@3b063cee de.myview.objectmodel.impl.BlockImpl@2e3e3bba de.myview.objectmodel.impl.BlockImpl@2f753931 de.myview.objectmodel.impl.BlockImpl@8ee67db de.myview.objectmodel.impl.BlockImpl@205db64 de.myview.objectmodel.impl.BlockImpl@5db9c375 de.myview.objectmodel.impl.BlockImpl@5b83d542 de.myview.objectmodel.impl.BlockImpl@20a8b156 de.myview.objectmodel.impl.BlockImpl@cda80dc de.myview.objectmodel.impl.BlockImpl@1f6b4859 de.myview.objectmodel.impl.BlockImpl@5a07a733 de.myview.objectmodel.impl.BlockImpl@3fc08f24 |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6bl |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E92202 |

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Technical data

Downloads

Approval/Certificate/Document of Con-
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220214 Technical change to HDC housings](#)
[20220214 Technische Änderung bei HDC-Gehäusen](#)

Technical Documentation

[1217800000 HDC_32B_ABU_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

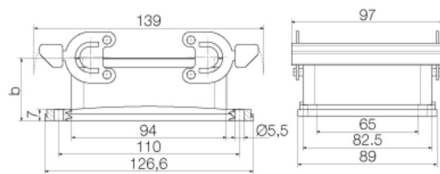
[CAT 3 HDC 17/18 EN](#)
[FL FIELDWIRING EN](#)

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Drawings



HDC 32B ABU**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****Housing, cable entry sideways**

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 32B TSBU 1M32G | Version |
| Order No. | 1788400000 | HDC enclosures, Size: 10, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248205936 | |
| Qty. | 1 pc(s). | |
| Type | HDC 32B TSBU 1PG29G | Version |
| Order No. | 1666840000 | HDC enclosures, Size: 10, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190424046 | |
| Qty. | 1 pc(s). | |

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Accessories

Cover



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General ordering data

| Type | HDC 32B DODQ 4B0 | Version |
|------------|----------------------------|---|
| Order No. | 1165790000 | HDC enclosures, Size: 10, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4032248964512 | |
| Qty. | 1 pc(s). | |

Housing, cable entry at top



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General ordering data

| Type | HDC 32B TOBU 1M40G | Version |
|------------|----------------------------|---|
| Order No. | 1221070000 | HDC enclosures, Size: 10, Protection degree: IP65 (in plugged condition), Plug housing, Cable entry from top, Side-locking clamp on lower side, Standard, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248998180 | |
| Qty. | 1 pc(s). | |
| Type | HDC 32B TOBU 1M32G | Version |
| Order No. | 1788430000 | HDC enclosures, Size: 10, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248205967 | |
| Qty. | 1 pc(s). | |

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www.weidmueller.com**Accessories**

| Type | HDC 32B TOBU 1PG29G | Version | |
|------------|----------------------------|---|--|
| Order No. | 1666870000 | HDC enclosures, Size: 10, Protection degree: IP65 (in plugged | |
| GTIN (EAN) | 4008190424077 | condition), Cable entry from top, Plug housing, Side-locking clamp on | |
| Qty. | 1 pc(s). | lower side, Standard, Size of cable entries: PG 29 | |