

HDC 16B SLU 2PG21G**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: 6, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21 |
| Order No. | 1658120000 |
| Type | HDC 16B SLU 2PG21G |
| GTIN (EAN) | 4008190411176 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|-----------------------------|---------|----------------------------|-----------|
| Height | 64 mm | Height (inches) | 2.52 inch |
| Width | 79.5 mm | Width (inches) | 3.13 inch |
| Mounting dimension - height | 45 mm | Mounting dimension - width | 105 mm |
| Net weight | 345 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|----------------------|---------|
| Cable entry | w. thread | Height of base B1 | 5 mm |
| Height of housing B | 64 mm | Hole pitch length A2 | 105 mm |
| Total length housing | 93.3 mm | Width base C1 | 56.5 mm |
| Width housing C | 43 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 | | |

Version

| | | | |
|------------------------------|-------------------------------|--------------------------------|--------------|
| BG | 6 | Cable entry | w. thread |
| Clamp version | End-locking clamp | Colour (RAL) | RAL 7035 |
| Design | Standard | Design of housing | Base housing |
| Design of locking system | End-locking clamp, lower side | Internal thread | PG 21 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 2 |
| Sealing | NBR | Size | 6 |
| Size of cable entries | PG 21 | Suitable for ModuPlug® | No |
| Top part/bottom part/lid | lower part | Type | Base housing |

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 |

Creation date October 6, 2024 1:47:19 AM CEST

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| | |
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| Substance | Transmission oil |
| Chemical resistance | Resistant |
| 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@461fbf88 de.myview.objectmodel.impl.BlockImpl@39cc0953 de.myview.objectmodel.impl.BlockImpl@18f71cc0 de.myview.objectmodel.impl.BlockImpl@35d1181b de.myview.objectmodel.impl.BlockImpl@e0912d6 de.myview.objectmodel.impl.BlockImpl@57d614d5 de.myview.objectmodel.impl.BlockImpl@77e703f3 de.myview.objectmodel.impl.BlockImpl@4acbccd4 de.myview.objectmodel.impl.BlockImpl@c92e8f9 de.myview.objectmodel.impl.BlockImpl@6b852502 de.myview.objectmodel.impl.BlockImpl@24b24b1a de.myview.objectmodel.impl.BlockImpl@308b9e34 de.myview.objectmodel.impl.BlockImpl@2bc56dfc |
| 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

[1658120000 HDC 16B SLU 2PG21G STP Blatt 1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

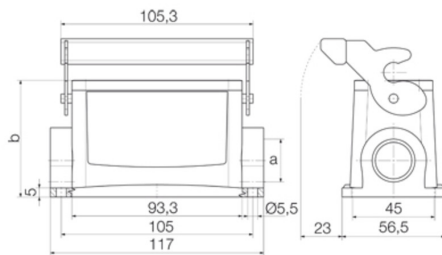
[FL FIELDWIRING EN](#)

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Drawings



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Accessories

Hood, Cable Entry at top



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

General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 40D TOLU 1M40G | Version |
| Order No. | 1139680000 | HDC enclosures, Size: 6, Protection degree: IP65, IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 40 |
| GTIN (EAN) | 4032248959792 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B TOLU 1PG21G | Version |
| Order No. | 1657960000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 21 |
| GTIN (EAN) | 4008190411015 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B TOLU 1M25G | Version |
| Order No. | 1788230000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 25 |
| GTIN (EAN) | 4032248205769 | |
| Qty. | 1 pc(s). | |
| Type | HDC 40D TOLU 1PG29G | Version |
| Order No. | 1658020000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 29 |
| GTIN (EAN) | 4008190411077 | |
| Qty. | 1 pc(s). | |
| Type | HDC 16B TOLU 1M32G | Version |
| Order No. | 1804630000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248267552 | |
| Qty. | 1 pc(s). | |
| Type | HDC 40D TOLU 1M32G | Version |
| Order No. | 1787100000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: M 32 |
| GTIN (EAN) | 4032248204441 | |
| Qty. | 1 pc(s). | |

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Accessories

Hood, Cable Entry sideways



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|------------|----------------------------|--|
| Type | HDC 16B TSLU 1M32G | Version |
| Order No. | 1804640000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248267569 | lower side, Standard, Size of cable entries: M 32 |
| Qty. | 1 pc(s). | |
| Type | HDC 40D TSLU 1M32G | Version |
| Order No. | 1787040000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204281 | lower side, high, Size of cable entries: M 32 |
| Qty. | 1 pc(s). | |
| Type | HDC 40D TSLU 1M25G | Version |
| Order No. | 1787050000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248204298 | lower side, high, Size of cable entries: M 25 |
| Qty. | 1 pc(s). | |
| Type | HDC 40D TSLU 1PG29G | Version |
| Order No. | 1657910000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190410964 | lower side, high, Size of cable entries: PG 29 |
| Qty. | 1 pc(s). | |
| Type | HDC 16B TSLU 1PG21G | Version |
| Order No. | 1657850000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190410902 | lower side, Standard, Size of cable entries: PG 21 |
| Qty. | 1 pc(s). | |
| Type | HDC 40D TSLU 1PG21G | Version |
| Order No. | 1657890000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4008190410933 | lower side, high, Size of cable entries: PG 21 |
| Qty. | 1 pc(s). | |
| Type | HDC 16B TSLU 1M25G | Version |
| Order No. | 1788200000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248205738 | lower side, Standard, Size of cable entries: M 25 |
| Qty. | 1 pc(s). | |
| Type | HDC 40D TSLU 1M40G | Version |
| Order No. | 1804650000 | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from side, Plug housing, End-locking clamp, |
| GTIN (EAN) | 4032248267576 | lower side, high, Size of cable entries: M 40 |
| Qty. | 1 pc(s). | |