

HDC 10A SDLU 1PG16G

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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: 2, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: PG 16 |
| Order No. | 1664410000 |
| Type | HDC 10A SDLU 1PG16G |
| GTIN (EAN) | 4008190421106 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|-------|----------------------------|------------|
| Height | 70 mm | Height (inches) | 2.756 inch |
| Width | 76 mm | Width (inches) | 2.992 inch |
| Mounting dimension - height | 40 mm | Mounting dimension - width | 48 mm |
| Net weight | 253 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|----------------------|-------|
| Cable entry | w. thread | Height of base B1 | 4 mm |
| Height of housing B | 70 mm | Hole pitch length A2 | 48 mm |
| Total length housing | 63 mm | Width base C1 | 50 mm |
| Width housing C | 30 mm | | |

General data

| | | | |
|-----------------------------|-----------------------------|-----------------------|--|
| EMC housings | No | Housing main material | diecast aluminium |
| Material of locking element | Stainless steel, rust-proof | Protection class note | Protection class with secured cover: IP 65 |
| Protection degree | IP65 (in plugged condition) | Surface finish | Powder coating |
| Tightening torque | 0.5 Nm | | |

Version

| | | | |
|------------------------------|-------------------------------|--------------------------------|--------------|
| BG | 2 | Cable entry | w. thread |
| Clamp version | End-locking clamp | Colour (RAL) | RAL 7035 |
| Cover | with cover | Design | Standard |
| Design of cover | with cover | Design of housing | Base housing |
| Design of locking system | End-locking clamp, lower side | Internal thread | PG 16 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| Sealing | NBR | Size | 2 |
| Size of cable entries | PG 16 | Suitable for ModuPlug® | No |
| Tightening torque | 0.5 Nm | 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 |
| 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 | Acetone |
| Chemical resistance | Conditionally resistant |
| Substance | Drilling oil |
| Chemical resistance | Resistant |

Creation date June 14, 2025 3:24:23 PM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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| | |
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| Substance | Diesel |
| Chemical resistance | Resistant |
| Substance | Ethyl alcohol |
| Chemical resistance | Resistant |
| 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

| | |
|------------------------|--|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | e98b2b24-ba23-41bf-8d19-0dda3647412f |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@18759981 de.myview.objectmodel.impl.BlockImpl@72689055 de.myview.objectmodel.impl.BlockImpl@13568703 de.myview.objectmodel.impl.BlockImpl@1214237e de.myview.objectmodel.impl.BlockImpl@2619092c de.myview.objectmodel.impl.BlockImpl@10c5cf82 de.myview.objectmodel.impl.BlockImpl@378c2c06 de.myview.objectmodel.impl.BlockImpl@430e65a de.myview.objectmodel.impl.BlockImpl@6a0edf99 de.myview.objectmodel.impl.BlockImpl@5409b485 de.myview.objectmodel.impl.BlockImpl@2335e1e de.myview.objectmodel.impl.BlockImpl@1b26a34 de.myview.objectmodel.impl.BlockImpl@1d5c9f8c |

Approvals

| | |
|-------------------------|---|
| Approvals | |
| Approvals MAMID | https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E92202 |

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www.weidmueller.com**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

[1664410000 HDC 10A SDLU 1PG16G STP Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)[FL FIELDWIRING EN](#)

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Drawings

