

HDC 25A TOLU 1PG21G

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: 5, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, End-locking clamp, lower side, high, Size of cable entries: PG 21 |
| Order No. | 1664870000 |
| Type | HDC 25A TOLU 1PG21G |
| GTIN (EAN) | 4008190421571 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 89 mm | Depth (inches) | 3.504 inch |
| Height | 72 mm | Height (inches) | 2.835 inch |
| Width | 32.5 mm | Width (inches) | 1.28 inch |
| Net weight | 166 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|---------------------|---------|
| Cable entry | w. thread | Height of housing B | 72 mm |
| Total length housing | 79 mm | Width housing C | 29.5 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 | 0.5 Nm |

Version

| | | | |
|------------------------------|-------------------------------|--------------------------------|------------------------------------|
| BG | 5 | Cable entry | w. thread |
| Clamp version | End-locking clamp | Colour (RAL) | RAL 7035 |
| Design | high | Design of housing | Cable entry from top, Plug housing |
| Design of locking system | End-locking clamp, lower side | Internal thread | PG 21 |
| Number of cable entry on top | 1 | Number of cable entry sideways | 0 |
| Sealing | NBR | Size | 5 |
| Size of cable entries | PG 21 | Suitable for ModuPlug® | No |
| Tightening torque | 0.5 Nm | Top part/bottom part/lid | upper part |
| Type | Plug | | |

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

Creation date June 13, 2025 5:20:17 AM CEST

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

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| | |
|---------------------|-------------------------|
| 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 | No SVHC above 0.1 wt% |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@5257ca6b de.myview.objectmodel.impl.BlockImpl@6fede007 de.myview.objectmodel.impl.BlockImpl@1fda62b3 de.myview.objectmodel.impl.BlockImpl@3a8f7c2f de.myview.objectmodel.impl.BlockImpl@5667ed87 de.myview.objectmodel.impl.BlockImpl@568ac294 de.myview.objectmodel.impl.BlockImpl@1a09ed0c de.myview.objectmodel.impl.BlockImpl@5b269466 de.myview.objectmodel.impl.BlockImpl@32c45150 de.myview.objectmodel.impl.BlockImpl@32daabfe de.myview.objectmodel.impl.BlockImpl@676e5124 de.myview.objectmodel.impl.BlockImpl@8047c0b de.myview.objectmodel.impl.BlockImpl@185af28a |

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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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

[1664870000 HDC_25A_TOLU_1PG21G_STP_Blatt_1.pdf](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

Data sheet

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Drawings

