

HDC 07A SLU 1M20G**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: 1, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: M 20 |
| Order No. | 1788530000 |
| Type | HDC 07A SLU 1M20G |
| GTIN (EAN) | 4032248206063 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|----------------------------|-------|-----------------|------------|
| Depth | 26 mm | Depth (inches) | 1.024 inch |
| Height | 53 mm | Height (inches) | 2.087 inch |
| Width | 37 mm | Width (inches) | 1.457 inch |
| Mounting dimension - width | 30 mm | Net weight | 22 g |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|----------------------|-------|
| Cable entry | w. thread | Height of base B1 | 3 mm |
| Height of housing B | 42 mm | Hole pitch length A2 | 30 mm |
| Total length housing | 27 mm | Width base C1 | 42 mm |
| Width housing C | 24 mm | | |

General data

| | | | |
|-----------------------------|-----------------------------|---------------------------|-----------------------------|
| EMC housings | No | Housing main material | Plastic |
| Material of locking element | Stainless steel, rust-proof | Protection degree | IP65 (in plugged condition) |
| Tightening torque | 0.5 Nm | UL 94 flammability rating | V-0 |

Version

| | | | |
|------------------------------|----------------------------------|--------------------------------|--------------|
| BG | 1 | Cable entry | w. thread |
| Clamp version | Side-locking clamp | Colour (RAL) | RAL 1001 |
| Design | Standard | Design of housing | Base housing |
| Design of locking system | Side-locking clamp on lower side | Internal thread | M 20 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| Size | 1 | Size of cable entries | M 20 |
| 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 |
| 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 |

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

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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 | Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | 2f94735a-9fba-4903-842f-4fb9aa902310 |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@318a1f37 de.myview.objectmodel.impl.BlockImpl@172318ea de.myview.objectmodel.impl.BlockImpl@533bfe86 de.myview.objectmodel.impl.BlockImpl@5050bdd de.myview.objectmodel.impl.BlockImpl@6497cfed de.myview.objectmodel.impl.BlockImpl@6bfc6fdd de.myview.objectmodel.impl.BlockImpl@67bf73ea de.myview.objectmodel.impl.BlockImpl@4a49c723 de.myview.objectmodel.impl.BlockImpl@107b9120 de.myview.objectmodel.impl.BlockImpl@18f19675 de.myview.objectmodel.impl.BlockImpl@44d96a2 de.myview.objectmodel.impl.BlockImpl@b929d7 de.myview.objectmodel.impl.BlockImpl@4c874a71 |

Approvals

Approvals



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

Downloads

| | |
|-----------------------------|--|
| Engineering Data | CAD data – STEP |
| Product Change Notification | 20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen |
| Technical Documentation | 1788530000_HDC_07A_SLU_1M20G_STP_Blatt_1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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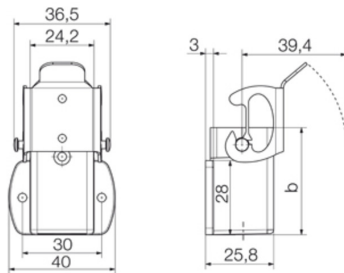
Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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Drawings



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www.weidmueller.com**Accessories****Cover**

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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 07A DMDL 2B0 | Version |
| Order No. | 1665770000 | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4008190422790 | |
| Qty. | 1 pc(s). | |
| Type | HDC 07A DODL 2B0 | Version |
| Order No. | 1665760000 | HDC enclosures, Size: 1, Protection degree: IP65 (in plugged condition), Cover for lower part of housing, Side-locking clamp on lower side, Standard |
| GTIN (EAN) | 4008190422783 | |
| Qty. | 1 pc(s). | |