

HDC 16A SDLU 2M20G**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: 5, Protection degree: IP65 (in plugged condition), Base housing, End-locking clamp, lower side, Standard, with cover, Size of cable entries: M 20 |
| Order No. | 1788790000 |
| Type | HDC 16A SDLU 2M20G |
| GTIN (EAN) | 4032248206339 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|-----------------------------|---------|----------------------------|------------|
| Depth | 96 mm | Depth (inches) | 3.78 inch |
| Height | 76.5 mm | Height (inches) | 3.012 inch |
| Width | 75.9 mm | Width (inches) | 2.988 inch |
| Mounting dimension - height | 40 mm | Mounting dimension - width | 64 mm |
| Net weight | 284 g | | |

Temperatures

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

Dimensions

| | | | |
|----------------------|-----------|----------------------|-------|
| Cable entry | w. thread | Height of base B1 | 4 mm |
| Height of housing B | 57 mm | Hole pitch length A2 | 64 mm |
| Total length housing | 79 mm | Width base C1 | 50 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 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 | 5 | 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 | M 20 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 2 |
| Sealing | NBR | Size | 5 |
| 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 |

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| | |
|---------------------|-------------------------|
| 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

| | |
|---------------------|--|
| REACH SVHC | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | e98b2b24-ba23-41bf-8d19-0dda3647412f |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@18b961e4 de.myview.objectmodel.impl.BlockImpl@322ff5e2 de.myview.objectmodel.impl.BlockImpl@59a0c481 de.myview.objectmodel.impl.BlockImpl@2a3dd2a6 de.myview.objectmodel.impl.BlockImpl@79582044 de.myview.objectmodel.impl.BlockImpl@34155a68 de.myview.objectmodel.impl.BlockImpl@6b4e14a7 de.myview.objectmodel.impl.BlockImpl@2f22438a de.myview.objectmodel.impl.BlockImpl@17401c2a de.myview.objectmodel.impl.BlockImpl@918c2b0 de.myview.objectmodel.impl.BlockImpl@12681418 de.myview.objectmodel.impl.BlockImpl@2f6b3bcc de.myview.objectmodel.impl.BlockImpl@38ddd347 |

Approvals

Approvals



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

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Technical data

Downloads

| | |
|-----------------------------|--|
| Engineering Data | CAD data – STEP |
| Product Change Notification | 20220214 Technical change to HDC housings 20220214 Technische Änderung bei HDC-Gehäusen |
| Technical Documentation | 1788790000 HDC 16A SDLU 2M20G STP Blatt 1.pdf |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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Drawings

