

HDC 16B SBU 1PG21G N**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: 6, Protection degree: IP65 (in plugged condition), Base housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21 |
| Order No. | 2560940000 |
| Type | HDC 16B SBU 1PG21G N |
| GTIN (EAN) | 4050118676716 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|-----------------------------|---------|----------------------------|------------|
| Height | 64 mm | Height (inches) | 2.52 inch |
| Width | 56.5 mm | Width (inches) | 2.224 inch |
| Mounting dimension - height | 45 mm | Mounting dimension - width | 105 mm |
| Net weight | 369 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, Polyamide | Protection degree | IP65 (in plugged condition) |
| Surface finish | Powder coating | | |

Version

| | | | |
|------------------------------|----------------------------------|--------------------------------|--------------|
| BG | 6 | Cable entry | w. thread |
| Clamp version | Side-locking clamp | Colour (RAL) | RAL 7035 |
| Design | Standard | Design of housing | Base housing |
| Design of locking system | Side-locking clamp on lower side | Internal thread | M 25 |
| Number of cable entry on top | 0 | Number of cable entry sideways | 1 |
| 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 |

| | |
|---------------------|-------------------------|
| 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 | Lead 7439-92-1 |
| SCIP | d447edfa-0214-4f34-b5ba-82eae491b46a |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@39406926 de.myview.objectmodel.impl.BlockImpl@ffd1a4 de.myview.objectmodel.impl.BlockImpl@6683c025 de.myview.objectmodel.impl.BlockImpl@5662e6e6 de.myview.objectmodel.impl.BlockImpl@6c51ac55 de.myview.objectmodel.impl.BlockImpl@12dd328a de.myview.objectmodel.impl.BlockImpl@6a275a1c de.myview.objectmodel.impl.BlockImpl@2bb3d468 de.myview.objectmodel.impl.BlockImpl@4ae1f64f de.myview.objectmodel.impl.BlockImpl@3153c4fb de.myview.objectmodel.impl.BlockImpl@61f48f77 de.myview.objectmodel.impl.BlockImpl@54d107b5 de.myview.objectmodel.impl.BlockImpl@1147d0ee |

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 |
| Catalogues | Catalogues in PDF-format |