

HDC 48B TSLU 1PG29G

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, Installation size: 12, Protection degree: IP65, in plugged condition, Cable entry from side, Plug housing, End-locking clamp, lower side, Standard, Size of cable entries: PG 29 |
| Order No. | 1650850000 |
| Type | HDC 48B TSLU 1PG29G |
| GTIN (EAN) | 4008190299453 |
| Qty. | 1 items |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 151 mm | Depth (inches) | 5.9449 inch |
| Height | 94 mm | Height (inches) | 3.7008 inch |
| Width | 90 mm | Width (inches) | 3.5433 inch |
| Net weight | 632.72 g | | |

Temperatures

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

Environmental Product Compliance

| | | |
|------------------------|-----------------------------|-------------------------|
| RoHS Compliance Status | Compliant without exemption | |
| REACH SVHC | No SVHC above 0.1 wt% | |
| Chemical resistance | 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 | |
| Substance | UV | |
| Chemical resistance | Unstable | |
| Substance | Ozone | |
| Chemical resistance | Unstable | |

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | w. thread | Width housing C | 90 mm |
| Total length housing | 132 mm | Height of housing B | 94 mm |

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| | | | |
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| Tightening torque | 1.2 Nm | Housing main material | diecast aluminium |
| Surface finish | Powder coating | Protection degree | IP65, in plugged condition |
| EMC housings | No | Material of locking element | Stainless steel, rust-proof |

Version

| | | | |
|--------------------------------|-------------------------------|------------------------------|-------------------------------------|
| Number of cable glands | 0 | Size of cable entries | PG 29 |
| Top part/bottom part/lid | upper part | Cover | without cover |
| Tightening torque | 1.2 Nm | Number of cable entry on top | 0 |
| Number of cable entry sideways | 1 | Design of housing | Cable entry from side, Plug housing |
| Design of locking system | End-locking clamp, lower side | Design | Standard |
| Installation size | 12 | Cable entry | w. thread |
| Type | Plug | Clamp version | End-locking clamp |
| Sealing | no sealing | Internal thread | PG 29 |
| Colour (RAL) | RAL 7035 | BG | 12 |
| Suitable for ModuPlug® | Yes | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000437 | ETIM 9.0 | EC000437 |
| ETIM 10.0 | EC000437 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 | | |

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Drawings

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