

HDC 16B SDBO 2PG21G

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: 6, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on upper side, Standard, with cover, Size of cable entries: PG 21 |
| Order No. | 1657640000 |
| Type | HDC 16B SDBO 2PG21G |
| GTIN (EAN) | 4008190410698 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



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

Dimensions and weights

| | | | |
|-----------------------------|---------|----------------------------|-------------|
| Height | 82 mm | Height (inches) | 3.2283 inch |
| Width | 77.5 mm | Width (inches) | 3.0512 inch |
| Mounting dimension - height | 45 mm | Mounting dimension - width | 105 mm |
| Net weight | 374 g | | |

Temperatures

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

Environmental Product Compliance

| | |
|------------------------|--|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | e98b2b24-ba23-41bf-8d19-0dda3647412f |

| | | |
|---------------------|---------------------|-------------------------|
| Chemical resistance | Substance | Acetone |
| | Chemical resistance | Conditionally resistant |
| | Substance | Drilling oil |
| | Chemical resistance | Resistant |
| | 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 benzene |
| | 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 | |

Dimensions

| | | | |
|----------------------|--------|---------------|-----------|
| Hole pitch length A2 | 105 mm | Cable entry | w. thread |
| Width housing C | 43 mm | Width base C1 | 56.5 mm |

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| | | | |
|----------------------|---------|---------------------|-------|
| Total length housing | 93.3 mm | Height of housing B | 64 mm |
| Height of base B1 | 5 mm | | |

General data

| | | | |
|----------------|----------------|-------------------|----------------------------|
| Surface finish | Powder coating | Protection degree | IP65, in plugged condition |
|----------------|----------------|-------------------|----------------------------|

Version

| | | | |
|--------------------------------|--------------------|------------------------------|----------------------------------|
| Size of cable entries | PG 21 | Top part/bottom part/lid | lower part |
| Cover | without cover | Number of cable entry on top | 0 |
| Number of cable entry sideways | 2 | Design of cover | with cover |
| Design of housing | Base housing | Design of locking system | Side-locking clamp on upper side |
| Design | Standard | Installation size | 6 |
| Cable entry | w. thread | Type | Base housing |
| Clamp version | Side-locking clamp | Sealing | NBR |
| Internal thread | PG 21 | Colour (RAL) | RAL 7035 |
| BG | 6 | Suitable for ModuPlug® | No |

Classifications

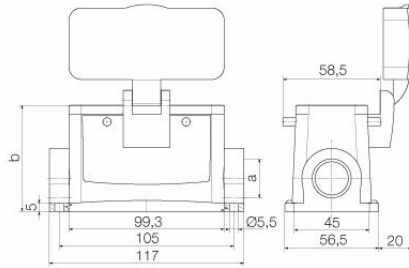
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000437 | ETIM 9.0 | EC000437 |
| ETIM 10.0 | EC000437 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 | | |

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Drawings

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Accessories

Cover



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General ordering data

| | | | |
|------------|----------------------------|---------|---|
| Type | HDC 16B DODQ 2QB | Version | |
| Order No. | 1009090000 | | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248713837 | | plugged condition, Cover for lower part of housing, Side-locking |
| Qty. | 1 ST | | clamp on upper side, Standard, Size of cable entries: none |

IP68 version



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

General ordering data

| | | | |
|------------|----------------------------|---------|--|
| Type | VG 21-MS68 | Version | |
| Order No. | 1569110000 | | VG MS (standard brass cable gland), Cable glands, straight, PG 21, |
| GTIN (EAN) | 4008190168469 | | 7.2 mm, OD min. 13 - OD max. 18 mm, IP54, IP66, IP67, IP68 - 5 bar |
| Qty. | 25 ST | | (30 min.), IP69K, Brass, nickel-plated |
| Type | VG 21-K68 | Version | |
| Order No. | 1569020000 | | VG K (standard plastic cable gland), Cable glands, straight, PG 21, 11 |
| GTIN (EAN) | 4008190032234 | | mm, OD min. 13 - OD max. 18 mm, IP54, IP66, IP67, IP68 - 5 bar (30 |
| Qty. | 25 ST | | min.), Polyamide 6 |