

**HDC 40D TOBU 1M40G EMC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

The new Weidmüller RockStar® IP65 EMV enclosures are ideally suited for use in the harshest environmental conditions and provide protection against electromagnetic interference. A heavy-duty connector consists of a connector insert and its protective housing. The new plastic straps are easy to lock and can be replaced at any time. All Weidmüller RockStar® enclosures are made of high quality die-cast aluminium. This makes them impact- and corrosion-resistant, yet compact and lightweight.

**General ordering data**

|            |                                                                                                                                                                                  |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | HDC enclosures, Size: 6, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on lower side, high, Size of cable entries: M 40 |
| Order No.  | <a href="#">2544040000</a>                                                                                                                                                       |
| Type       | HDC 40D TOBU 1M40G EMC                                                                                                                                                           |
| GTIN (EAN) | 4050118648775                                                                                                                                                                    |
| Qty.       | 1 pc(s).                                                                                                                                                                         |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 93.3 mm | Depth (inches)  | 3.673 inch |
| Height     | 75.5 mm | Height (inches) | 2.972 inch |
| Width      | 45.5 mm | Width (inches)  | 1.791 inch |
| Net weight | 261 g   |                 |            |

## Temperatures

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

## Dimensions

|             |           |
|-------------|-----------|
| Cable entry | w. thread |
|-------------|-----------|

## General data

|                           |                             |                       |                   |
|---------------------------|-----------------------------|-----------------------|-------------------|
| EMC housings              | Yes                         | Housing main material | diecast aluminium |
| Protection degree         | IP65 (in plugged condition) | Surface finish        | Powder coating    |
| UL 94 flammability rating | V-0                         |                       |                   |

## Version

|                              |                                  |                          |                                    |
|------------------------------|----------------------------------|--------------------------|------------------------------------|
| BG                           | 6                                | Cable entry              | w. thread                          |
| Clamp version                | Side-locking clamp               | Colour (RAL)             | RAL 9011                           |
| Design                       | high                             | Design of housing        | Cable entry from top, Plug housing |
| Design of locking system     | Side-locking clamp on lower side | Internal thread          | M 40                               |
| Number of cable entry on top | 1                                | Sealing                  | FPM                                |
| Size                         | 6                                | Size of cable entries    | M 40                               |
| Suitable for ModuPlug®       | Yes                              | Top part/bottom part/lid | upper part                         |
| Type                         | Plug                             |                          |                                    |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC000437    |
| ETIM 8.0    | EC000437    | ETIM 9.0    | EC000437    |
| ETIM 10.0   | 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 | ECLASS 14.0 | 27-44-02-02 |
| ECLASS 15.0 | 27-44-02-02 |             |             |

|                     |               |
|---------------------|---------------|
| Substance           | Hydraulic oil |
| Chemical resistance | Resistant     |
| Substance           | Petrol        |
| Chemical resistance | Resistant     |
| Substance           | UV            |
| Chemical resistance | Resistant     |
| Substance           | Ozone         |
| Chemical resistance | Resistant     |

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|                        |                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS Compliance Status | Compliant without exemption                                                                                                                                                               |
| REACH SVHC             | No SVHC above 0.1 wt%                                                                                                                                                                     |
| Chemical resistance    | de.myview.objectmodel.impl.BlockImpl@4703cc88 de.myview.objectmodel.impl.BlockImpl@415ca5d4<br>de.myview.objectmodel.impl.BlockImpl@67971565 de.myview.objectmodel.impl.BlockImpl@c352941 |

**Approvals**

Approvals



|                 |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

**Downloads**

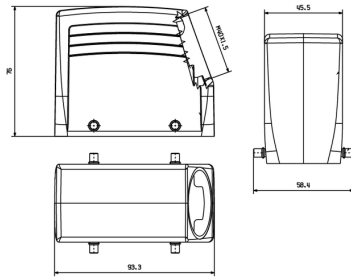
|                             |                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Engineering Data            | <a href="#">CAD data – STEP</a>                                                                                            |
| Product Change Notification | <a href="#">20220214 Technical change to HDC housings</a><br><a href="#">20220214 Technische Änderung bei HDC-Gehäusen</a> |
| Catalogues                  | <a href="#">Catalogues in PDF-format</a>                                                                                   |

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## Drawings



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## Accessories

## EMC Brass Cable Gland 1st Generation



The increasing sensitivity of electronic components and the increasing electromagnetic interference frequencies require cable glands to play an important role in the shielding concept of a system. This type of EMC cable glands are made for shielding against interference frequencies, with a 360° screening connection. A Finger-locking seal provides superior cable retention & strain relief, next to it, the cable gland meets the mechanical requirements of EN 62444. Due to the patented design a very easy and fast assembly will be possible.

## General ordering data

|            |                            |                                                                  |
|------------|----------------------------|------------------------------------------------------------------|
| Type       | VG M40 - MS 1/EMV          | Version                                                          |
| Order No.  | <a href="#">1909540000</a> | VG EMV GEN 1 (EMC cable gland with clamping cage), Cable glands, |
| GTIN (EAN) | 4032248536467              | straight, M 40, 9, OD min. 19 - OD max. 28 mm, IP68 - 5 bar (30  |
| Qty.       | 5 pc(s).                   | min.), IP69K, Brass, nickel-plated                               |

## EMC Brass Cable Gland 4th Generation



The increasing sensitivity of electronic components and the increasing electromagnetic interference frequencies require cable glands to play an important role in the shielding concept of a system. This type of EMC cable glands are made for shielding against interference frequencies, with a 360° screening connection. A Finger-locking seal provides superior cable retention & strain relief, next to it, the cable gland meets the mechanical requirements of EN 62444. Due to the patented design a very easy and fast assembly will be possible.

## General ordering data

|            |                            |                                                                  |
|------------|----------------------------|------------------------------------------------------------------|
| Type       | VG M40 EMV-4 MS 22-32      | Version                                                          |
| Order No.  | <a href="#">2435190000</a> | VG EMV GEN 4 (EMC cable gland with clamping cage), Cable glands, |
| GTIN (EAN) | 4050118446944              | straight, M 40, 9, OD min. 22 - OD max. 32 mm, IP54, IP66, IP67, |
| Qty.       | 5 pc(s).                   | IP68 - 5 bar (30 min.), IP69K, Brass, nickel-plated              |