

**HDC XX5E01 MMSM12D-0150****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

The new two-pole bus module is extremely compact and can accommodate both megabit and gigabit data inserts. It enables the connection of 2 Gigabit Cat 6A cables (10 gigabit) to one module.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Version    |                            |
| Order No.  | <a href="#">2451110150</a> |
| Type       | HDC XX5E01 MMSM12D-0150    |
| GTIN (EAN) | 4050118508147              |
| Qty.       | 1 pc(s).                   |

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**Technical data****Dimensions and weights**

|            |         |
|------------|---------|
| Net weight | 0.001 g |
|------------|---------|

**Temperatures**

|                   |                  |
|-------------------|------------------|
| Limit temperature | -30 °C ... 90 °C |
|-------------------|------------------|

**General data**

|                     |                    |                       |                      |
|---------------------|--------------------|-----------------------|----------------------|
| Cable length        | 1.5 m              | Category              | Cat. 5e              |
| Coding              | D-coded            | Contact surface       | Au (Gold)            |
| Insulation strength | $\geq 10^8 \Omega$ | Module side version   | Male                 |
| Number of poles     | 4                  | Opposite side version | Male, straight, M12D |
| Plugging cycles     | $\geq 100$         | Pollution severity    | 2                    |
| Rated current       | 4 A                | Rated voltage         | 250 V                |
| Transmission rate   | 100 MBit/s         | Type                  | Pin                  |

**Cable technical specifications**

|                  |                             |        |
|------------------|-----------------------------|--------|
| Cable length     | 1.5 m                       |        |
| Colour coding    | white, yellow, blue, orange |        |
| Halogen          | No, halogen-free            |        |
| Insulation       | PE                          |        |
| Outside diameter | 6.5 mm ± 0.2                |        |
| Outside diameter | Diameter                    | 6.5 mm |
|                  | Signs                       | ±      |
|                  | Tolerance                   | 0.2    |
| Sheath material  | PUR                         |        |
| Sheathing colour | green                       |        |
| Shielded         | Yes                         |        |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ECLASS 9.0  | 27-06-03-07 | ECLASS 9.1  | 27-06-03-08 |
| ECLASS 10.0 | 27-06-03-07 | ECLASS 11.0 | 27-06-03-07 |
| ECLASS 12.0 | 27-06-03-07 | ECLASS 13.0 | 27-06-03-07 |
| ECLASS 14.0 | 27-06-03-07 |             |             |

**Environmental Product Compliance**

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 2ac5c63f-7f5e-465a-860d-49cfb7bbe5b5 |
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |

**Approvals**

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

|                  |  |
|------------------|--|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |

Creation date October 4, 2024 12:23:33 PM CEST

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## Drawings

|     |        |     |
|-----|--------|-----|
| M12 |        | M12 |
| 1   | yellow | 1   |
| 2   | white  | 2   |
| 3   | orange | 3   |
| 4   | blue   | 4   |