

**HDC XX6A02 MFSXXXX-0700****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="#">2503800700</a> |
| Type       | HDC XX6A02 MFSXXXX-0700    |
| GTIN (EAN) | 4050118522570              |
| 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        | 7 m                | Category              | Cat. 6A          |
| Coding              | X-coded            | Contact surface       | Au (Gold)        |
| Insulation strength | $\geq 10^8 \Omega$ | Module side version   | Male             |
| Number of poles     | 8                  | Opposite side version | Female, straight |
| Plugging cycles     | $\geq 100$         | Pollution severity    | 2                |
| Rated current       | 0.5 A              | Rated voltage         | 50 V             |
| Transmission rate   | 10 Gbps, 10 Gbit/s | Type                  | Pin              |

## Cable technical specifications

|                  |  |        |
|------------------|--|--------|
| Cable length     | 7 m  |        |
| Colour coding    | white / orange, orange, white / green, green, white / brown, brown, white / blue, blue |        |
| Halogen          | halogen-free, according to IEC 60754-1   |        |
| Insulation       | PE, Expanded   |        |
| Outside diameter | Diameter   | 6.4 mm |
|                  | Signs  | ±      |
|                  | Tolerance  | 0.3    |
| Outside diameter | 6.4 mm ± 0.3   |        |
| 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 |

## 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> |

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