

**HDC XX6A02 MFSXXX-7000****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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**

|                 |  |
|-----------------|--|
| Order No.       | 2503807000                             |
| Type            | <a href="#">HDC XX6A02 MFSXXX-7000</a> |
| GTIN (EAN)      | 4050118522648                          |
| Qty.            | 1 items                                |
| Delivery status | Discontinued                           |
| Available until | 2025-09-30T00:00:00+02:00              |

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## Technical data

### Approvals

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

### Dimensions and weights

|            |     |
|------------|-----|
| Net weight | 0 g |
|------------|-----|

### Temperatures

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

### Environmental Product Compliance

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

### General data

|                       |                    |                       |           |
|-----------------------|--------------------|-----------------------|-----------|
| Number of poles       | 8                  | Cable length          | 70 m      |
| Coding                | X-coded            | Contact surface       | Au (Gold) |
| Transmission rate     | 10 Gbps, 10 Gbit/s | Insulation resistance | ≥ 108 Ω   |
| Category              | Cat. 6A            | Nominal voltage       | 50 V      |
| Nominal current       | 0.5 A              | Plugging cycles       | ≥ 100     |
| Type                  | Pin                | Pollution severity    | 2         |
| Opposite side version | Female, straight   | Module side version   | Male      |

### Cable technical specifications

|                  |  |        |
|------------------|--|--------|
| Cable length     | 70 m   |        |
| Sheathing colour | green  |        |
| Shielded         | Yes  |        |
| Halogen          | halogen-free, according to IEC 60754-1   |        |
| Insulation       | PE, Expanded   |        |
| Sheath material  | PUR  |        |
| Colour coding    | white / orange, orange, white / green, green, white / brown, brown, white / blue, blue |        |
| Outside diameter | Diameter   | 6.4 mm |
|                  | Signs  | ±      |
|                  | Tolerance  | 0.3    |
| Outside diameter | 6.4 mm ± 0.3   |        |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ETIM 10.0   | EC002599    | ECLASS 14.0 | 27-06-03-07 |
| ECLASS 15.0 | 27-06-03-07 |             |             |