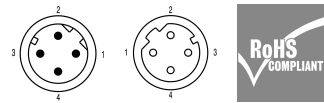


**HDC XX5E01 MFSM12D-0050**

**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**

|            |                            |
|------------|----------------------------|
| Version    | Data use                   |
| Order No.  | <a href="#">2450450050</a> |
| Type       | HDC XX5E01 MFSM12D-0050    |
| GTIN (EAN) | 4050118465235              |
| Qty.       | 1 items                    |

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## Technical data

## Approvals

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

## Dimensions and weights

|            |         |
|------------|---------|
| Net weight | 54.56 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       | 4                      | Cable length          | 0.5 m     |
| Coding                | D-coded                | Contact surface       | Au (Gold) |
| Transmission rate     | 100 MBit/s             | Insulation resistance | ≥ 108 Ω   |
| Category              | Cat. 5e                | Nominal voltage       | 250 V     |
| Nominal current       | 4 A                    | Plugging cycles       | ≥ 100     |
| Type                  | Pin                    | Pollution severity    | 2         |
| Opposite side version | Female, straight, M12D | Module side version   | Male      |

## Cable technical specifications

|                  |                             |        |
|------------------|-----------------------------|--------|
| Cable length     | 0.5 m                       |        |
| Sheathing colour | green                       |        |
| Shielded         | Yes                         |        |
| Halogen          | No, halogen-free            |        |
| Insulation       | PE                          |        |
| Sheath material  | PUR                         |        |
| Colour coding    | white, yellow, blue, orange |        |
| Outside diameter | Diameter                    | 6.5 mm |
|                  | Signs                       | ±      |
|                  | Tolerance                   | 0.2 mm |
| Outside diameter | 6.5 mm ± 0.2 mm             |        |

## 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 |             |             |

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**Drawings**

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

