

**HDC XX5E01 MFSM12D-0100****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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**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="#">2450450100</a> |
| Type       | HDC XX5E01 MFSM12D-0100    |
| GTIN (EAN) | 4050118465242              |
| Qty.       | 1 items                    |

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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       | 4                      | Cable length          | 1 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     | 1 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 6.0    | EC002599    | ETIM 7.0    | EC002599    |
| ETIM 8.0    | EC002599    | ETIM 9.0    | EC002599    |
| ETIM 10.0   | 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 |
| ECLASS 15.0 | 27-06-03-07 |             |             |

