

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. | 2450450050 |
| 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 |

