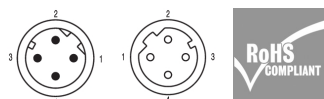


HDC XX5E01 MFSM12D-0600**Weidmüller Interface GmbH & Co. KG**

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. | 2450450600 |
| Type | HDC XX5E01 MFSM12D-0600 |
| GTIN (EAN) | 4050118465297 |
| Qty. | 1 pc(s). |

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www.weidmueller.com**Technical data****Dimensions and weights**

| | |
|------------|--------|
| Net weight | 0.01 g |
|------------|--------|

Temperatures

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

General data

| | | | |
|---------------------|--------------------|-----------------------|------------------------|
| Cable length | 6 m | Category | Cat. 5e |
| Coding | D-coded | Contact surface | Au (Gold) |
| Insulation strength | $\geq 10^8 \Omega$ | Module side version | Male |
| Number of poles | 4 | Opposite side version | Female, straight, M12D |
| Plugging cycles | ≥ 100 | Pollution severity | 2 |
| Rated current | 4 A | Rated voltage | 250 V |
| Transmission rate | 100 MBit/s | Type | Pin |

Cable technical specifications

| | | |
|------------------|-----------------------------|--------|
| Cable length | 6 m | |
| Colour coding | white, yellow, blue, orange | |
| Halogen | No, halogen-free | |
| Insulation | PE | |
| Outside diameter | 6.5 mm ± 0.2 | |
| Outside diameter | Diameter | 6.5 mm |
| | Signs | ± |
| | Tolerance | 0.2 |
| 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 |

Approvals

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

Downloads

| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |

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Drawings

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

