

HDC XX6A01 MFSM12X-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. | 2450440050 |
| Type | HDC XX6A01 MFSM12X-0050 |
| GTIN (EAN) | 4050118464511 |
| Qty. | 1 items |

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Technical data

Approvals

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

Dimensions and weights

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

Temperatures

| | |
|-------------------|------------------|
| Limit temperature | -40 °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 | 0.5 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 | ≥ 2265 100 |
| Type | Pin | Pollution severity | 2 |
| Opposite side version | Female, straight, M12X | Module side version | Male |

Cable technical specifications

| | | |
|------------------|--|--------|
| Cable length | 0.5 m | |
| Sheathing colour | blue | |
| Shielded | Yes | |
| Halogen | No | |
| Insulation | Expanded | |
| Sheath material | Radox EM 104 | |
| Colour coding | white / orange, orange, white / green, green, white / brown, brown, white / blue, blue | |
| Outside diameter | Diameter | 8.1 mm |
| | Signs | ± |
| | Tolerance | 0.5 |
| Outside diameter | 8.1 mm ± 0.5 | |

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

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| | | | | |
|-----|---|---------------|---|-----|
| M12 | 1 | White, Orange | 1 | M12 |
| | 2 | Orange | 2 | |
| | 3 | White, Green | 3 | |
| | 4 | Green | 4 | |
| | 5 | White, Brown | 5 | |
| | 6 | Brown | 6 | |
| | 7 | White, Blue | 7 | |
| | 8 | Blue | 8 | |
