

HDC XX6A01 MMSM12X-0100**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 | |
| Order No. | 2451130100 |
| Type | HDC XX6A01 MMSM12X-0100 |
| GTIN (EAN) | 4050118485684 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|---------|
| Net weight | 0.001 g |
|------------|---------|

Temperatures

| | |
|-------------------|------------------|
| Limit temperature | -40 °C ... 90 °C |
|-------------------|------------------|

General data

| | | | |
|---------------------|--------------------|-----------------------|----------------------|
| Cable length | 1 m | Category | Cat. 6A |
| Coding | X-coded | Contact surface | Au (Gold) |
| Insulation strength | $\geq 10^8 \Omega$ | Module side version | Male |
| Number of poles | 8 | Opposite side version | Male, straight, M12X |
| Plugging cycles | \u2265 100 | Pollution severity | 2 |
| Rated current | 0.5 A | Rated voltage | 50 V |
| Transmission rate | 10 Gbps, 10 Gbit/s | Type | Pin |

Cable technical specifications

| | | |
|------------------|--|--------|
| Cable length | 1 m | |
| Colour coding | white / orange, orange, white / green, green, white / brown, brown, white / blue, blue | |
| Halogen | No | |
| Insulation | Expanded | |
| Outside diameter | 8.1 mm ± 0.5 | |
| Outside diameter | Diameter | 8.1 mm |
| | Signs | ± |
| | Tolerance | 0.5 |
| Sheath material | Radox EM 104 | |
| Sheathing colour | blue | |
| 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 |
| Brochures | |

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Drawings

| | | | | |
|-----|---|---------------|---|-----|
| 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 | |