

**HDC XX6A02 MMSM12X-0300**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

**Compact**

The two pole bus module accommodates Megabit and Gigabit data inserts and enables the transmission of two lines within a single module. It is highly versatile – suitable for railway cables, industrial cables, drag chain applications, Profibus, and field assembly data connectors.

**General ordering data**

|            |   |
|------------|---|
| Order No.  | 2503770300                              |
| Type       | <a href="#">HDC XX6A02 MMSM12X-0300</a> |
| GTIN (EAN) | 4050118522839                           |
| 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       | 8                    | Cable length          | 3 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       | ≥ 100     |
| Type                  | Pin                  | Pollution severity    | 2         |
| Opposite side version | Male, straight, M12X | Module side version   | Male      |

## Cable technical specifications

|                  |  |        |
|------------------|--|--------|
| Cable length     | 3 m  |        |
| Sheathing colour | green  |        |
| Shielded         | Yes  |        |
| Halogen          | halogen-free, according to IEC 60754-1   |        |
| Insulation       | PE, Expanded   |        |
| Sheath material  | PUR  |        |
| Colour coding    | white / orange, orange, white / green, green, white / brown, brown, white / blue, blue |        |
| Outside diameter | Diameter   | 6.4 mm |
|                  | Signs  | ±      |
|                  | Tolerance  | 0.3 mm |
| Outside diameter | 6.4 mm ± 0.3 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 |             |             |