

**HDC XX6A01 MOXXXXX-0050****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.  | <a href="#">2003820050</a> |
| Type       | HDC XX6A01 MOXXXXX-0050    |
| GTIN (EAN) | 4050118521801              |
| Qty.       | 1 pc(s).                   |

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

**Temperatures**

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

**General data**

|                     |                    |                       |           |
|---------------------|--------------------|-----------------------|-----------|
| Cable length        | 0.5 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 | open      |
| 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     | 0.5 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 | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |