

**HDC XX6A01 FSM12X-0500****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.  | <a href="#">2451140500</a> |
| Type       | HDC XX6A01 FSM12X-0500     |
| GTIN (EAN) | 4050118521511              |
| Qty.       | 1 pc(s).                   |

Creation date January 11, 2023 8:51:28 AM CET

Catalogue status 09.01.2023 / We reserve the right to make technical changes.

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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        | 5 m                | Category              | Cat. 6A              |
| Coding              | X                  | Contact surface       | Au (Gold)            |
| Insulation strength | $\geq 10^8 \Omega$ | Module side version   | Female               |
| Number of poles     | 8                  | Opposite side version | Male, straight, M12X |
| Pollution severity  | 2                  | Rated current         | 0.5 A                |
| Rated voltage       | 50 V               | Transmission rate     | 10 Gbps, 10 Gbit/s   |
| Type                | Female             |                       |                      |

### Cable technical specifications

|                  |  |        |
|------------------|--|--------|
| Cable length     | 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 $\pm$ 0.5   |        |
| Outside diameter | Diameter   | 8.1 mm |
|                  | Signs  | $\pm$  |
|                  | 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    | 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 |

### Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 2ac5c63f-7f5e-465a-860d-49cfb7bbe5b5 |

### Approvals

ROHS Conform

### Downloads

Catalogues [Catalogues in PDF-format](#)