

**HDC XX6A01 MFSM12X-0400****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**

| General ordering data |                            |
|-----------------------|----------------------------|
| Version               | Data use                   |
| Order No.             | <a href="#">2450440400</a> |
| Type                  | HDC XX6A01 MFSM12X-0400    |
| GTIN (EAN)            | 4050118464559              |
| 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 |
|-------------------|------------------|

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## General data

|                       |                        |                     |           |
|-----------------------|------------------------|---------------------|-----------|
| Cable length          | 4 m                    | Category            | Cat. 6A   |
| Coding                | X                      | Contact surface     | Au (Gold) |
| Insulation strength   | $\geq 10^8 \Omega$     | Module side version | Male      |
| Opposite side version | Female, straight, M12X | Pollution severity  | 2         |
| Rated current         | 0.5 A                  | Rated voltage       | 50 V      |
| Transmission rate     | 10 Gbps                | Type                | Pin       |

## Cable technical specifications

|                  |                                                                                        |        |
|------------------|----------------------------------------------------------------------------------------|--------|
| Cable length     | 4 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    |
| 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 |

## Approvals

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

## Downloads

|                  |                      |
|------------------|----------------------|
| Engineering Data | <a href="#">STEP</a> |
|------------------|----------------------|

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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 |     |