

HDC XX6A02 FSM12X-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. | 2503780100 |
| Type | HDC XX6A02 FSM12X-0100 |
| GTIN (EAN) | 4050118522761 |
| Qty. | 1 pc(s). |

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www.weidmueller.com**Technical data****Dimensions and weights**

| | |
|------------|---------|
| Net weight | 0.084 g |
|------------|---------|

Temperatures

| | |
|-------------------|------------------|
| Limit temperature | -30 °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 | Female |
| Number of poles | 8 | Opposite side version | Male, straight, M12X |
| Plugging cycles | ≥ 100 | 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 | 1 m | |
| Colour coding | white / orange, orange, white / green, green, white / brown, brown, white / blue, blue | |
| Halogen | halogen-free, according to IEC 60754-1 | |
| Insulation | PE, Expanded | |
| Outside diameter | 6.4 mm ± 0.3 | |
| Outside diameter | Diameter | 6.4 mm |
| | Signs | ± |
| | Tolerance | 0.3 |
| Sheath material | PUR | |
| Sheathing colour | green | |
| 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 |
| ECLASS 14.0 | 27-06-03-07 | | |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 2ac5c63f-7f5e-465a-860d-49cfb7bbe5b5 |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |

Approvals

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

Downloads

| | |
|------------|--|
| Catalogues | Catalogues in PDF-format |
|------------|--|

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Catalogue status 17.08.2024 / We reserve the right to make technical changes.