

HDC XX6A02 FMSM12X-0050**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. | 2503780050 |
| Type | HDC XX6A02 FMSM12X-0050 |
| GTIN (EAN) | 4050118522754 |
| 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 | 0.5 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 | Female | Pollution severity | 2 |
| Opposite side version | Male, straight, M12X | Module side version | Female |

Cable technical specifications

| | | |
|------------------|--|--------|
| Cable length | 0.5 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 | | |