

## Connection module HD RJ45, kat.6A, screened



### FEATURES:

- Cat.6A performance according to: ISO 11801, EN 50173, ANSI/TIA 568.2-D
- Screened
- Port density up to 48 ports per 1U
- The highest quality guaranteeing large margins of transmission parameters over the requirements of the standards
- The best performance in conjunction with FibrainDATA connection cables
- Component complies to IEC 60603-7-51
- Efficient signal compensation inside a module
- Tool or toolless termination
- Module construction equipped with an element for attaching the inserted cable without the use of cable ties
- IDC termination technology
- Pins covered with layer of gold
- Module construction guaranty a minimal untwist of wire pairs
- Die cast housing guaranties 360° EMC protection
- Automatic dust cover made of different colors for color coding
- Identification according to 568A and 568B

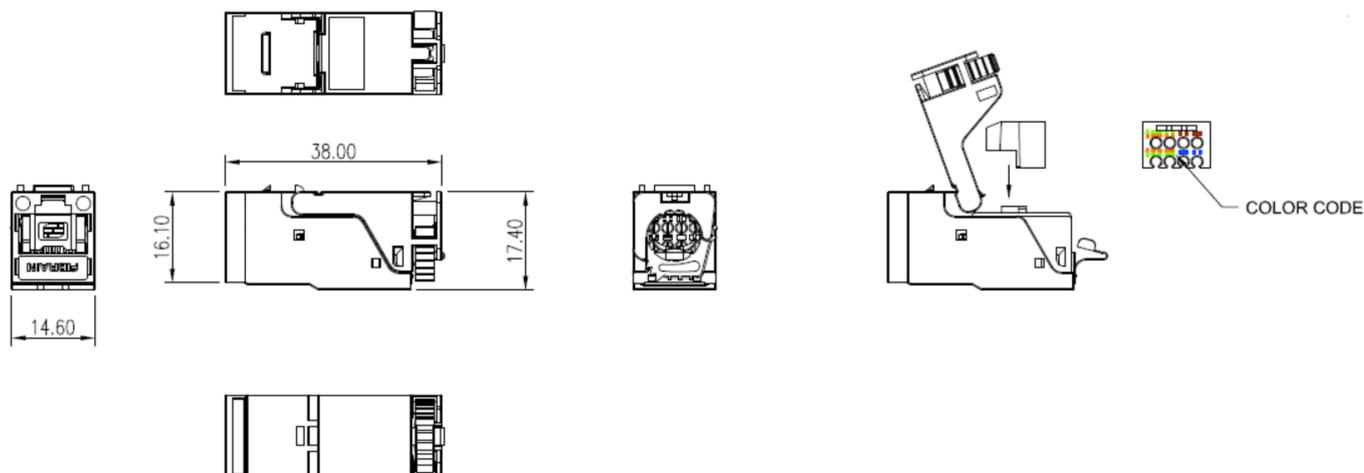
### TECHNICAL PARAMETERS

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| <b>Standaryzacja</b>                             | ISO 11801-x, EN 50173-x, TIA 568.2-D, IEC 60603-7-51, IEC 60512-99-001 |
| <b>PoE</b>                                       | IEEE 802.3af/802at oraz 802bt typ 3 oraz typ 4 (do 100W)               |
| <b>Operation temperature range</b>               | -10 °C ÷ 60 °C   |
| <b>Storage temperature range</b>                 | -40 °C ÷ 70 °C   |
| <b>Transmission performance</b>                  | Cat.6A   |
| <b>Shielding</b>                                 | Yes  |
| <b>Housing material</b>                          | Zinc alloy die cast  |
| <b>Max. Current rating [A]</b>                   | 1,5  |
| <b>Min. isolation resistance [MΩ]</b>            | 500  |
| <b>Max DC resistance [Ω]</b>                     | 20   |
| <b>Material of contact pins</b>                  | CuSN   |
| <b>Contact pins plating</b>                      | Min 50 μm of gold layer, min 80 μm of nickel layer                     |
| <b>Conductor diameter range (wire)</b>           | AWG 22 ÷ AWG 26  |
| <b>Conductor diameter range (stranded wires)</b> | AWG 22/7 ÷ AWG 26/7  |
| <b>Cable diameter range</b>                      | 5,0 ÷ 8,5 mm   |
| <b>Mating cycles standard/typical</b>            | 750/1000   |
| <b>Min number of re-terminations</b>             | 20   |
| <b>Fixation</b>                                  | Without adapters   |

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|------|-------------------|--------|
| Typ: | Connection module | MSO    |
|      |                   | REV: 2 |
| Ref: | XR200             | F      |

**DIMENSIONS:**



**ORDERING:**

XR210 FibrainDATA connection module, RJ45/s, kat.6A, Aqua dust cover, without adapters