

CombiTac 10Gbit module

CombiTacline | Industrial Connectors



10Gbit module CT-10GBIT-...

The 10Gbit module is used for Ethernet communication up to 10Gbit (CAT6A).

Two versions are available, one for RJ45 and one for M12 (x-coded) connection.

The 10Gbit module is delivered completely assembled.

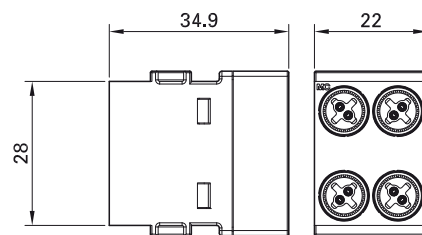
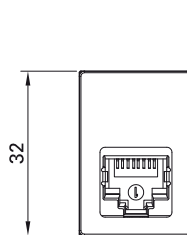
- Suitable for RJ45 and M12 connection
- 100'000 mating cycles
- UL 1977 and Railway standard compliant
- Resistance to shock (M12) and vibrations (M12, RJ45)

- Applications: high speed data communication, machine-to-machine communication (M2M), real time facility data sharing, railway

CT-10GBIT-RJ45/B



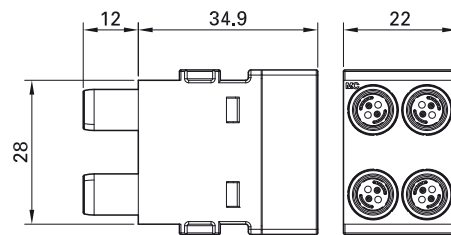
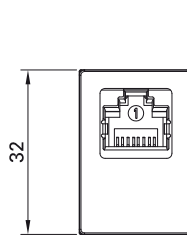
Rear view



CT-10GBIT-RJ45/S



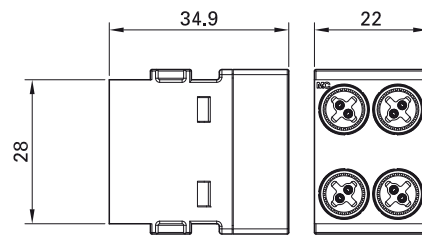
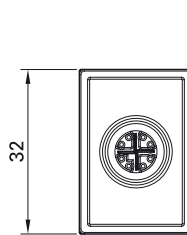
Rear view



CT-10GBIT-M12/B



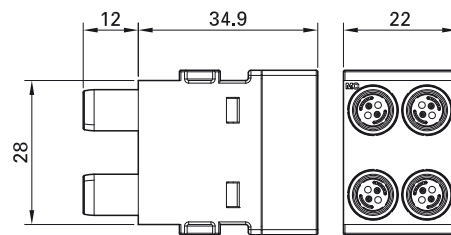
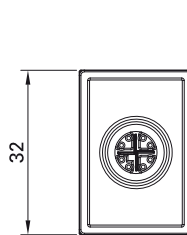
Rear view



CT-10GBIT-M12/S



Rear view



| Order No. | Type |
|-----------|------------------|
| 33.0130 | CT-10GBIT-RJ45/B |
| 33.0530 | CT-10GBIT-RJ45/S |
| 33.0240 | CT-10GBIT-M12/B |
| 33.0640 | CT-10GBIT-M12/S |

| Technical data | |
|--|--|
| Data transmission | CAT6A Ethernet IEEE 802.3an |
| Mating cycles | 100'000 |
| Rated current | 0,75 A |
| Rated voltage ¹⁾ | 48 V |
| Limiting temperature (IEC 61984), upper lower | +90 °C -40 °C |
| Contact carrier material | PA |
| Fire and smoke compliance | EN 45545-2 (HL3 R22 – R23) |
| Insulation resistance | ≥ 500 MΩ |
| Vibrations, RJ45 M12 | 5 g/10 – 500 Hz (IEC 60512-6-4) 0.58 g/5 - 150 Hz (IEC 61373 category 1B) |
| Resistance to shocks, M12 | 3.06 g/30 ms (IEC 61373 category 1B) |

¹⁾ Less than 30 V_{rms} for UL 1977



Assembly instructions MA213-08

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