tBL® - Extender Cat.6A ISO/IEC with 2x termination block AWG 22-24

\*\*tBL® - tde Basic Link (TP)

tBL® tde Basic Link (TP) is a complete system solution for structured cabling in Cat6A for transfer rates of up to 10GbE in real time. The tBL® - cabling link corresponds to a permanent link in accordance with ISO / IEC 11801 (EN 50173). The RJ45 modules are available in the form factors  Keystone (KS) and Data Center (DC). The compact design of the 6fold RJ45 DC module allows a high packing density of up to 48 RJ45 ports on 1U. The RJ45 module is connected to the tBL® - cable termination block by simply plugging. The slim cable termination block can be easily assembled on the cable by using the tBL® - crimp tool and is suitable for preterminated cables. The modular design of individual RJ45 modules are interchangeable at any time without termination. A cost effective alternative product is the RJ45 keystone module without cable termination block in the tool-less design.

The system solution is complemented by an extensive portfolio of carrier systems. These include design-capable data outlets, floor box frames, Consolidation points, DIN rail modules and patch panels in 1/2 and 1U.

\*\*Accessories

The tBL® extender enables cables to be extended with minimal effort, allows fire zones to be bridged or subscriber ports to be directly connected to the consolidation point without the need for intermediate patching.

\*\*TECHNISCHE\_DATEN

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| Connector Standard | IEEE 802.3; 10Base-T; 100Base-T; 1000Base-T; 1GBase-T; 10GBase-T; IEEE 802.5; 16 MB; ISDN; FDDI; ATM, Telefon |
| Mating force | ≤30 N |
| Mating cycles | ≥750 |
| Housing material | nickel-plated die-cast zinc |
| Insulation components material | PC aqua |
| Gold plating in contact area | 30 µ" |
| Cable diameter | 5-10 mm |
| Installation | screw |
| EMC | 360°-shielding |
| Electrical specifications | Cat.6A, the extended link class EA |
| Length | Link length up 90 m |

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| Connection class | IP20 |
| Temperature range | -40°C to +70°C |

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| Contact resistance | ≤20 mΩ |
| Insulation resistance between contacts | ≥500 MΩ |
| Dielectric withstanding voltage contact – contact | ≥1000 V DC/AC |
| Dielectric withstanding voltage contact – screen | ≥1500 V DC/AC |
| Current-carrying capacity at 50°C | 1.25 A |
| PoE+ per IEEE 802.3at | PoE+ |

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| 10 GbE | supported |
| Cat.6A | ISO/IEC 11801 |

\*\*\*TP Termination Block

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| Construction | plastic with insulation displacement connection |
| Gold plating termination block | 30 µ" |
| Color | transparent yellow |
| Application | Installation cable with solid wire, AWG 22 to AWG 24 and flex. |
|   | Plug bears small flag-like installation guide with color codes for pin-out according to EIA/TIA 568 A and B. |