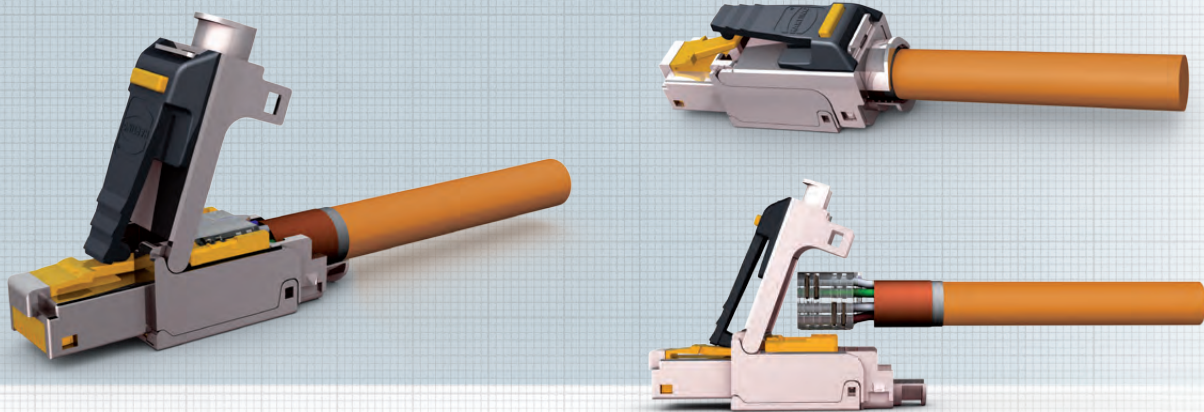


# preLink® RJ45 Connector Module

## Cat. 6<sub>A</sub> ISO/IEC, Shielded



The preLink® connector module provides users with a field-installable RJ45 connector in Category 6<sub>A</sub> ISO/IEC 11801. The user simply crimps a preLink® cable termination block onto the cable end and clips the preLink® RJ45 connector module over it. The preLink® connector supports Power over Ethernet (PoE) according to IEEE 802.3af and PoE+ according to IEEE 802.3at. As a result, a connector can be installed in seconds on pre-assembled cables fitted with preLink® termination blocks. The preLink® cable termination block is available in two versions: in transparent yellow for installation cable with 4 pairs in AWG 23 -22, or in transparent white for flexible cable with 4 pairs in AWG 27-26. The novel IDC contacts ensure long-term stability and vibration-resistant contacting up to 10 Gigabit Ethernet.

### Advantages:

- Field assembly of RJ45 connector
- Cat 6<sub>A</sub> ISO/IEC (10 GBit/s)
- Suitable for PoE and PoE+
- Compact, robust design
- 360° shielding

Packaging unit: 1 piece in polybag

### Standards:

Connection standard IEC 60603-7-51

### Mechanical properties:

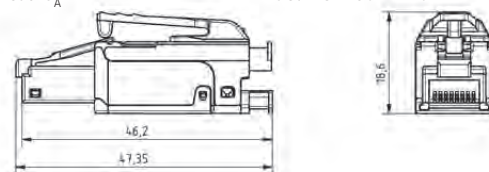
Mating cycles ≥ 750  
 Housing material Nickel-plated die-cast zinc  
 Gold plating in contact area 50µ"  
 Contacting AWG 27 - 22 depending on cable termination block  
 Insulation diameter 5 – 9 mm

### Environmental requirements:

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

### Transmission characteristics:

10 GBit/s Class EA Supported  
 Cat. 6<sub>A</sub> ISO/IEC 11801 AM1 and AM02,  
 Link length > 5m  
 ISO/IEC 11801 AM02



Description	Ordering Code
Field Installable preLink® RJ45 Plug Shielded Cat.6 <sub>A</sub> (ISO/IEC) without Cable Termination	CKSA0100
preLink® Cable Termination AWG24-22 (package of 24)	CKPK1001
preLink® Cable Termination AWG27-26 (package of 24)	CKPK6001