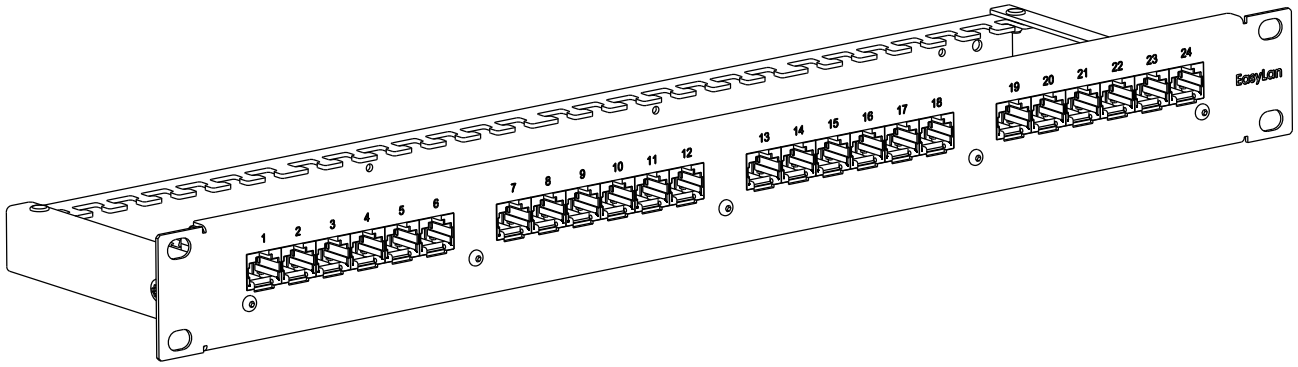
# Technical Datasheet

## *preLink® DC-Panel 19" 1U Kat. 6A ISO/IEC 24 Ports*

| Description | Article No. | |
|---|---|---|
| | *Housing gray* | *Housing black* |
| 24x Rj45 Kat.6A ISO/IEC, Set incl. cable termination AWG 24 - AWG 22 | CKRASP111E | CKRASP112E |
| 24x Rj45 Kat.6A ISO/IEC, Set incl. cable termination AWG 27 - AWG 26 | CKRASP161E | CKRASP162E |
| 24x Rj45 Kat.6A ISO/IEC, w/o cable termination | CKRARP101E | CKRARP102E |




| Rev. Index | Revision code | Date | Name |
|---|---|---|---|
| b | Änderung Spr. | 12.12.2023 | TG |
| a | Neuerstellung | 29.09.2015 | AK |

| | | |
|---|---|---|
| drawn | 29.09.2015 | AK |
| appr. | 29.09.2015 | GF |

Titel:

EasyLan® preLink® DC-Panel 19" 1U Kat. 6A ISO/IEC 24 Ports

Drawing Number:

ZN-BL151077

EasyLan® ...for a better connectivity

Dimensions: mm

Original: DIN A4



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# Technical Data

| | |
|---|---|
| **Connector standard** | IEC 60603-7-51 |
| **Mechanical Characteristics** | |
| Life (mating cycles) | ≥ 750 |
| Insertion force | ≤ 30N |
| Conductor diameter | AWG 27 - 22 |
| Insulation diameter | 5 - 9,5 mm |
| Reusable (Module) | ≥ 25 cycles |
| Reusable (Connection block) | 0 cycles |
| EC Directive 2002/95/EC (RoHS) | RoHS-compliant |
| **Materials** | |
| Housing | zinc diecast |
| Strain-relief sliver | zinc diecast |
| Surface | nickel plating |
| Shield spring | stainless steel |
| PCB | FR-4 |
| PCB finish | chem. NiAu |
| Contacts | spring steel |
| Contact finish (RJ45) | 1,27 µm / 50µin Au |
| Contact finish (connection block) | 0,762 µm / 30µin Au |
| Insulation housing | PA light green (RAL 6027) |
| Connection block | PC |
| IDC | CuSn6 |
| IDC finish | contact area 0,762 µm / 30µin Au |
| **Environmental Requirements** | |
| Particulate ingress | IP2X |
| Water ingress | IPX0 |
| Ambient temperature | -40°C to +70°C |
| **Electrical Characteristics** | |
| Contact resistance | ≤ 20 mΩ |
| Insulation resistance | ≥ 500 MΩ |
| Voltage proof - contact-contact | ≥ 1000 V (DC) |
| Voltage proof - contact-shield | ≥ 1500 V (DC) |
| Current carring capacity at 50°C | 1,25 A |
| PoE+ according to IEEE 802.3at | adequate |
| Transfer Impedance at 1 MHz | ≤ 100 mΩ |
| Transfer Impedance at 10 MHz | ≤ 200 mΩ |
| Transfer Impedance at 80 MHz | ≤ 1600 mΩ |

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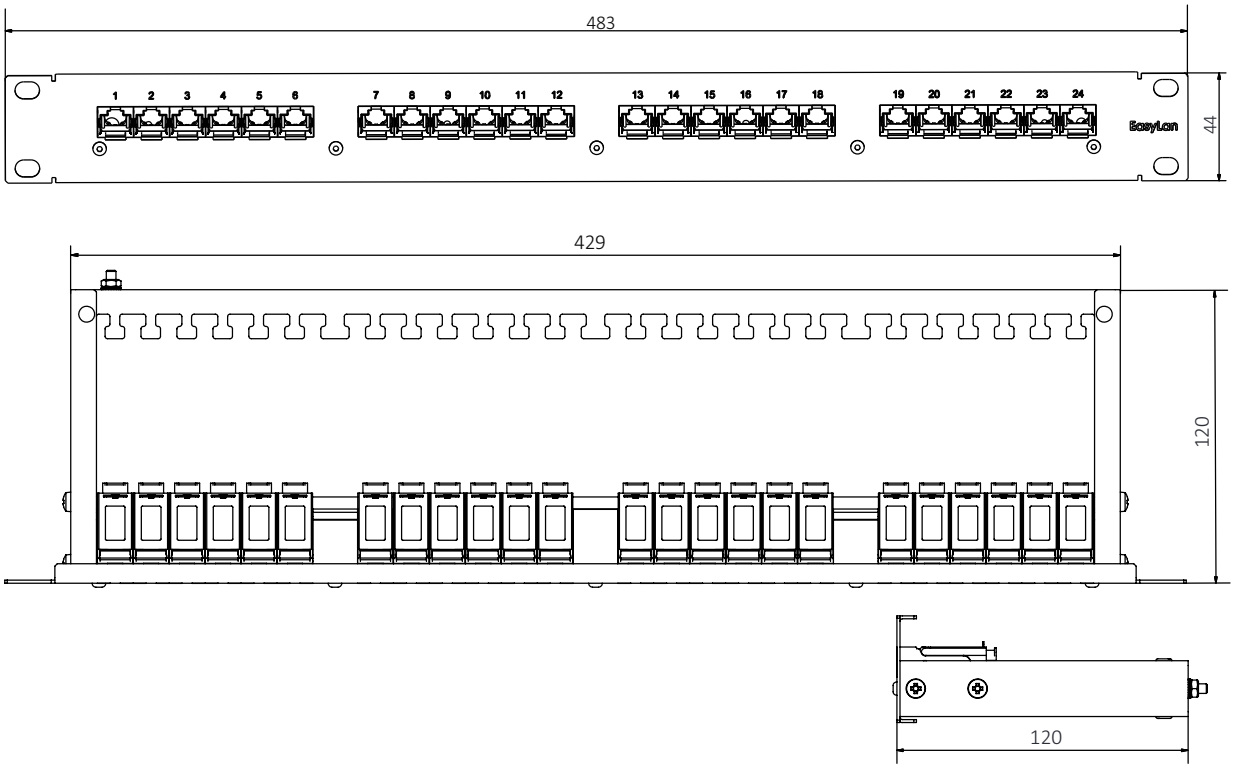
| **Transmission Performance** | |
|---|---|
| 10 Gigabit Ethernet acc. to IEEE 802.3an | adequate |
| Categorie $6_A$ | ISO/IEC 11801; DIN EN 50173-1 |
| Class EA | acc. ISO/IEC 11801 Amendment 1/2<br>typical link length > 2 m, in combination with a CP-cable:<br>CP-Link typ. > 10 m 10 GbE is supported |

# Drawing

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