

NL4MD-H-3

4 pole chassis connector, black D-size flange, self tapping screw holes (A-screw), horizontal PCB mount



The speakON panel mount connectors are the standard chassis connectors for loudspeaker / amplifier interconnections. They feature a unique metal locking system, making contact only once fully locked. The speakON receptacles are robust, versatile and easy to terminate.

Features & Benefits

- Current rating 30 A rms
- Glass reinforced materials make it extremely robust and dependable
- Precise keyway for secure mating
- Accurate twist lock latching system
- Metal insert in locking area
- Airtight design - optimized for speaker applications

Technical Information

| Product | |
|------------------------|-----------|
| Title | NL4MD-H-3 |
| Connection Type | speakON |
| Gender | male |

| Electrical | |
|----------------------------------|---|
| Contact resistance | ≤ 3 mΩ (after lifetime) |
| Dielectric strength | 4 kVdc (peak) |
| Insulation resistance | > 1 GΩ (after dampheat) |
| Rated current per contact | 30 A rms continuous |
| Rated current per contact | 40 A audiosignal, duty cycle 50 % |
| Rated voltage | 250 V ac |
| Attention | speakON is NOT to be used as an AC mains or power supply connector! |

| Mechanical | |
|---------------------------|--|
| Lifetime | > 5000 mating cycles |
| Wiresize | |
| Wiring | Horizontal PCB mount |
| Locking device | Quick Lock |
| Mounting direction | Rear mounting |
| Chassis shape | D |
| Layout | standard hole position, self tapping screw holes (A-Screw) |

| Material | |
|------------------------|--------------------------------|
| Contact plating | 4 μm Ag |
| Contacts | Bronze (CuSn6) |
| Shell | Polyamide (PA 6 30 % GR) black |

Environmental

| | |
|--------------------------|---------------------------|
| Flammability | UL 94 HB |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C |