



## NLT4FPXX

4 pole female chassis connector, metal housing, solder contacts, countersunk thru holes.

This connector is fully compliant to the device standard IEC 62368-1, due to its component certification according to IEC 61984.

The speakON STXX Series was especially designed for heavy duty amplifier-loudspeaker applications like professional touring. The extremely rugged and durable STXX Series features an all metal housing.

## Features & Benefits

- ✓ IEC 61984 certified, IEC 62368-1 compliant
- ✓ Extremely robust metal housing and glass reinforced V-0 material insert designed for harsh and demanding environment
- ✓ Uses precise “Quick Lock” system
- ✓ Weatherproof built-in gasket meets IP 54 protection class in mated condition

## Technical Information

| Product |          |
|---------|----------|
| Title   | NLT4FPXX |
| Gender  | Female   |

## Electrical

|                           |   |
|---------------------------|---|
| Contact resistance        | < 2 mΩ  |
| Dielectric strength       | 2.8 kVac  |
| Insulation resistance     | >0.1 GΩ (after dampheat)  |
| Rated current per contact | 30 A rms continuous   |
| 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  |
| Wire size          | 6 mm <sup>2</sup>     |
| Wire size          | 10 AWG                |
| Termination        | Solder contacts       |
| Locking device     | Quick Lock            |
| Mounting direction | Rear / front mounting |
| Chassis shape      | square G-size flange  |
| Layout             | four thru holes       |

## Material

|                 |                         |
|-----------------|-------------------------|
| Contact plating | Ag                      |
| Contacts        | Copper Alloy            |
| Shell           | Zinc diecast, Ni plated |
| Insert          | Polyamide (PA 66)       |
| Locking element | Zinc diecast, Ni plated |

| Environmental     |                          |
|-------------------|--------------------------|
| Temperature range | -30 °C to +80 °C         |
| Flammability      | UL 94 V-0                |
| Protection class  | IP 54 (mated condition)  |
| Solderability     | Complies with IEC68-2-20 |