

## NLT4FD-V-BAG

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



## Features & Benefits

- |                                                                                                                               |                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Extremely robust metal housing designed for harsh and demanding environment</li></ul> | <ul style="list-style-type: none"><li>• Ideal product for touring applications and harsh environments</li></ul>                |
| <ul style="list-style-type: none"><li>• Current rating 40 Amp continuous, 50 Amp audio with 50% duty cycle</li></ul>          | <ul style="list-style-type: none"><li>• Uses precise “Quick Lock” System</li></ul>                                             |
| <ul style="list-style-type: none"><li>• Mates with all currently available speakON products</li></ul>                         | <ul style="list-style-type: none"><li>• Weatherproof built-in gasket meets IP 54 protection class in mated condition</li></ul> |

## Technical Information

| Product         |              |
|-----------------|--------------|
| Title           | NLT4FD-V-BAG |
| Connection Type | speakON      |
| Gender          | female       |

| Electrical                |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| Contact resistance        | < 2 mΩ (after lifetime)                                             |
| Dielectric strength       | 4 kVdc (peak)                                                       |
| Insulation resistance     | > 10 GΩ                                                             |
| Rated current per contact | 40 A rms continuous                                                 |
| Rated current per contact | 50 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               |
| Wiring             | vertical PCB mount                 |
| Locking device     | Quick Lock                         |
| Mounting direction | Rear mounting                      |
| Chassis shape      | square G-size flange               |
| Layout             | self tapping screw holes (A-Screw) |

| Material        |                             |
|-----------------|-----------------------------|
| Contact plating | 4 µm Ag                     |
| Insert          | Polyamide (PA 6 30 % GR)    |
| Shell           | Zinc diecast (ZnAl4Cu1) KTL |
| Contacts        | Spring Copper (CuSn0.2)     |

| Environmental     |                           |
|-------------------|---------------------------|
| Flammability      | UL 94 HB                  |
| Protection class  | IP 54 (mated condition)   |
| Solderability     | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C          |