



## NLT4FP

\*\*\* DISCONTINUED \*\*\*

Direct replacement / successor: NLT4FPXX

4 pole female chassis connector, metall housing, solder contacts

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

- Extremely robust metal housing designed for harsh and demanding environment
- Current rating 40 Amp continuous, 50 Amp audio with 50% duty cycle
- Mates with all currently available speakON products
- 4 pole version has UL Recognized components, CSA listed
- Ideal product for touring applications and harsh environments
- Uses precise "Quick Lock" system
- Weatherproof built-in gasket meets IP 54 protection class in mated condition
- 4 type range - also male cable connector and female receptacle on 4-pole version

## Technical Information

Product	
Title	NLT4FP
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
Wiresize	6 mm <sup>2</sup>
Wiresize	10 AWG
Wiring	Solder contacts
Locking device	Quick Lock
Chassis shape	square G-size flange
Layout	four thru holes

Material	
Contact plating	4 µm Ag
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6 30 % GR)
Locking element	Zinc diecast (ZnAl4Cu1)
Shell	Zinc diecast (ZnAl4Cu1) Ni

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