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Print

## **NLT4MX**

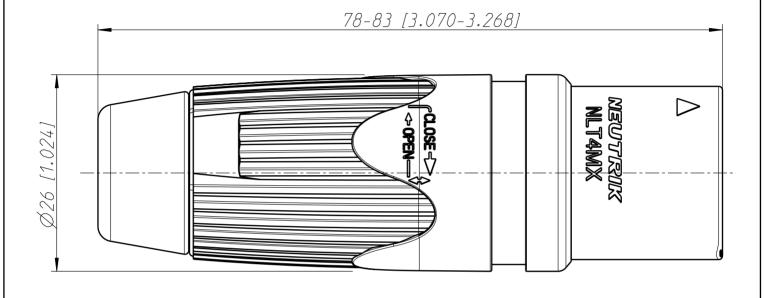


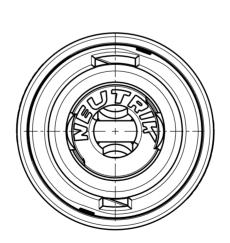
4 pole male cable connector, metal housing, chuck type strain relief

The new STX Series is the next generation of 4 pole Speakon connectors especially designed for amplifier-loudspeaker applications in harsh and demanding environments such as professional touring. The extremely rugged and durable STX Series feature an all metal housing and a built-in gasket providing weatherproof protection to IP54. The 4 pole version is now available as 4 gender system including male cable and female chassis connector.

## Features & Benefits

- Current rating 40 Amp continuous, 50 Amp audio with 50% duty cycle
- Robust and durable all metal housing
- Sealing ring provides weatherproof IP54 rating
- Reinforced metal quick lock system for ease and precise locking
- Extra large solder contacts for up to 6mm² (AWG10) wires
- Mate with all available Speakon products





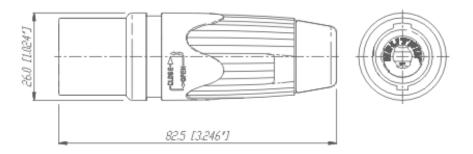
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MEUTRIK AG FL-9494 SCHAAN			ST-NLT4MX		





## **STX Series**

## **NLT4MX**



There are no technical infos for this product.

Product         Connector Type       Speakon         Gender       male         Electrical       Contact resistance         Contact resistance       < 2 mΩ (after lifetime)         Dielectric strength       4 kVdc (peak)         Insulation resistance       > 10 GΩ (after dampheat)         Rated current per contact       40 A rms continuous         Rated current per contact       50 A audiosignal, duty cycle 50 %         Rated voltage       250 V (Insulation)         Mechanical       Cable O.D.       9 - 16 mm         Cable O.D.       9 - 16 mm         Cable retention force       ≥ 220 N (subject to cable O.D. and material)         Lifetime       > 5000 mating cycles         Wire size       6 mm²         Wiring       Solder Contacts         Locking device       Quick Lock (latch)         Material       Bushing         Polyamide (PA 6 15% GR)         Contact plating       4 μm Ag         Contacts       Spring Copper (CuSn0.2)         Insert       Polyamide (PA 6 30 % GR)         Locking element       Zinc diecast (ZnAl4Cu1)		1		
Gender male  Flectrical  Contact resistance $< 2 \text{ m}\Omega$ (after lifetime)  Dielectric strength $4 \text{ kVdc}$ (peak)  Insulation resistance $> 10 \text{ G}\Omega$ (after dampheat)  Rated current per contact $40 \text{ A rms}$ continuous  Rated current per contact $50 \text{ A audiosignal}$ , duty cycle $50 \text{ \%}$ Rated voltage $250 \text{ V (Insulation)}$ Mechanical  Cable O.D. $9 - 16 \text{ mm}$ Cable retention force $\geq 220 \text{ N (subject to cable O.D. and material)}$ Lifetime $> 5000 \text{ mating cycles}$ Wire size $6 \text{ mm}^2$ Wire size $10 \text{ AWG}$ Wiring $Solder \text{ Contacts}$ Locking device $Quick \text{ Lock (latch)}$ Material  Bushing $Polyamide (PA 6 15\% \text{ GR)}$ Contact plating $4 \text{ µm Ag}$ Contacts $Spring \text{ Copper (CuSn0.2)}$ Insert $Polyamide (PA 6 30 \% \text{ GR)}$	Product			
Electrical         Contact resistance $< 2 \text{ m}\Omega$ (after lifetime)         Dielectric strength $4 \text{ kVdc (peak)}$ Insulation resistance $> 10 \text{ G}\Omega$ (after dampheat)         Rated current per contact $40 \text{ A rms continuous}$ Rated current per contact $50 \text{ A audiosignal, duty cycle } 50 \%$ Rated voltage $250 \text{ V (Insulation)}$ Mechanical         Cable O.D. $9 - 16 \text{ mm}$ Cable o.D. $9 - 16 \text{ mm}$ Cable retention force $\geq 220 \text{ N (subject to cable O.D. and material)}$ Lifetime $> 5000 \text{ mating cycles}$ Wire size $6 \text{ mm}^2$ Wire size $10 \text{ AWG}$ Wiring       Solder Contacts         Locking device       Quick Lock (latch)         Material       Bushing       Polyamide (PA 6 15% GR)         Contact plating $4 \text{ µm Ag}$ Contacts       Spring Copper (CuSn0.2)         Insert       Polyamide (PA 6 30 % GR)	Connector Type	Speakon		
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Gender	male		
Dielectric strength $4 \text{ kVdc (peak)}$ Insulation resistance $> 10 \text{ G}\Omega$ (after dampheat) Rated current per contact $40 \text{ A rms continuous}$ Rated current per contact $50 \text{ A audiosignal, duty cycle } 50 \%$ Rated voltage $250 \text{ V (Insulation)}$ Mechanical  Cable O.D. $9 - 16 \text{ mm}$ Cable retention force $\geq 220 \text{ N (subject to cable O.D. and material)}$ Lifetime $> 5000 \text{ mating cycles}$ Wire size $6 \text{ mm}^2$ Wire size $10 \text{ AWG}$ Wiring Solder Contacts Locking device Quick Lock (latch)  Material  Bushing Polyamide (PA 6 15% GR) Contact plating $4 \text{ µm Ag}$ Contacts $5000 \text{ Spring Copper (CuSn0.2)}$ Insert Polyamide (PA 6 30 % GR)	Electrical			
Insulation resistance $> 10$ GΩ (after dampheat) Rated current per contact 40 A rms continuous Rated current per contact 50 A audiosignal, duty cycle 50 % Rated voltage 250 V (Insulation)  Mechanical Cable O.D. 9 - 16 mm Cable retention force $≥ 220$ N (subject to cable O.D. and material) Lifetime $> 5000$ mating cycles Wire size 6 mm² Wire size 10 AWG Wiring Solder Contacts Locking device Quick Lock (latch)  Material  Bushing Polyamide (PA 6 15% GR) Contacts Spring Copper (CuSn0.2) Insert Polyamide (PA 6 30 % GR)	Contact resistance	$<$ 2 m $\Omega$ (after lifetime)		
Rated current per contact Rated current per contact Rated current per contact Rated voltage  250 V (Insulation)    Mechanical	Dielectric strength	4 kVdc (peak)		
Rated current per contact Rated voltage  250 V (Insulation)  Mechanical  Cable O.D.  9 - 16 mm  Cable retention force ≥ 220 N (subject to cable O.D. and material)  Lifetime > 5000 mating cycles  Wire size 6 mm²  Wire size 10 AWG  Wiring Solder Contacts  Locking device Quick Lock (latch)  Material  Bushing Polyamide (PA 6 15% GR)  Contacts Spring Copper (CuSn0.2)  Insert Polyamide (PA 6 30 % GR)	Insulation resistance	> 10 G $\Omega$ (after dampheat)		
Rated voltage 250 V (Insulation)  Mechanical  Cable O.D. 9 - 16 mm  Cable retention force ≥ 220 N (subject to cable O.D. and material)  Lifetime > 5000 mating cycles  Wire size 6 mm²  Wire size 10 AWG  Wiring Solder Contacts  Locking device Quick Lock (latch)  Material  Bushing Polyamide (PA 6 15% GR)  Contact plating 4 μm Ag  Contacts Spring Copper (CuSn0.2)  Insert Polyamide (PA 6 30 % GR)	Rated current per contact	40 A rms continuous		
MechanicalCable O.D.9 - 16 mmCable retention force≥ 220 N (subject to cable O.D. and material)Lifetime> 5000 mating cyclesWire size6 mm²Wire size10 AWGWiringSolder ContactsLocking deviceQuick Lock (latch)MaterialBushingPolyamide (PA 6 15% GR)Contact plating4 μm AgContactsSpring Copper (CuSn0.2)InsertPolyamide (PA 6 30 % GR)	Rated current per contact	50 A audiosignal, duty cycle 50 %		
Cable O.D.       9 - 16 mm         Cable retention force       ≥ 220 N (subject to cable O.D. and material)         Lifetime       > 5000 mating cycles         Wire size       6 mm²         Wiring       Solder Contacts         Locking device       Quick Lock (latch)         Material         Bushing       Polyamide (PA 6 15% GR)         Contact plating       4 μm Ag         Contacts       Spring Copper (CuSn0.2)         Insert       Polyamide (PA 6 30 % GR)	Rated voltage	250 V (Insulation)		
Cable retention force ≥ 220 N (subject to cable O.D. and material)  Lifetime > 5000 mating cycles  Wire size 6 mm²  Wire size 10 AWG  Wiring Solder Contacts  Locking device Quick Lock (latch)  Material  Bushing Polyamide (PA 6 15% GR)  Contact plating 4 μm Ag  Contacts Spring Copper (CuSn0.2)  Insert Polyamide (PA 6 30 % GR)	Mechanical			
Lifetime > 5000 mating cycles  Wire size 6 mm²  Wire size 10 AWG  Wiring Solder Contacts  Locking device Quick Lock (latch)  Material  Bushing Polyamide (PA 6 15% GR)  Contact plating 4 µm Ag  Contacts Spring Copper (CuSn0.2)  Insert Polyamide (PA 6 30 % GR)	Cable O.D.	9 - 16 mm		
Wire size 6 mm² Wire size 10 AWG Wiring Solder Contacts Locking device Quick Lock (latch)  Material  Bushing Polyamide (PA 6 15% GR)  Contact plating 4 µm Ag  Contacts Spring Copper (CuSn0.2) Insert Polyamide (PA 6 30 % GR)	Cable retention force	≥ 220 N (subject to cable O.D. and material)		
Wire size 10 AWG Wiring Solder Contacts Locking device Quick Lock (latch)  Material  Bushing Polyamide (PA 6 15% GR)  Contact plating 4 µm Ag  Contacts Spring Copper (CuSn0.2)  Insert Polyamide (PA 6 30 % GR)	Lifetime	> 5000 mating cycles		
Wiring Solder Contacts Locking device Quick Lock (latch)  Material  Bushing Polyamide (PA 6 15% GR)  Contact plating 4 µm Ag  Contacts Spring Copper (CuSn0.2)  Insert Polyamide (PA 6 30 % GR)	Wire size	6 mm²		
Locking device Quick Lock (latch)  Material  Bushing Polyamide (PA 6 15% GR)  Contact plating 4 µm Ag  Contacts Spring Copper (CuSn0.2)  Insert Polyamide (PA 6 30 % GR)	Wire size	10 AWG		
MaterialBushingPolyamide (PA 6 15% GR)Contact plating4 μm AgContactsSpring Copper (CuSn0.2)InsertPolyamide (PA 6 30 % GR)	Wiring	Solder Contacts		
Bushing Polyamide (PA 6 15% GR)  Contact plating 4 µm Ag  Contacts Spring Copper (CuSn0.2)  Insert Polyamide (PA 6 30 % GR)	Locking device	Quick Lock (latch)		
Contact plating 4 µm Ag Contacts Spring Copper (CuSn0.2) Insert Polyamide (PA 6 30 % GR)	Material			
Contacts Spring Copper (CuSn0.2) Insert Polyamide (PA 6 30 % GR)	Bushing	Polyamide (PA 6 15% GR)		
Insert Polyamide (PA 6 30 % GR)	Contact plating	4 μm Ag		
	Contacts	Spring Copper (CuSn0.2)		
Locking element Zinc diecast (ZnAl4Cu1)	Insert	Polyamide (PA 6 30 % GR)		
	Locking element	Zinc diecast (ZnAl4Cu1)		

Shell	Zinc diecast (ZnAl4Cu1)	
Strain relief	Polyacetal (POM)	
Environmental		
Approvals	UL,CSA	
Flammability	UL 94 HB	
Protection class	IP 54 (mated condition)	
Solderability	Complies with IEC 68-2-20	
Temperature range	-30 °C to +80 °C	
Optical		
Mobile Cables		