Production

The professional entertainment industry depends on reliable components - night in, night out. Neutrik® - the world's leading manufacturer of professional connector systems - sets the standards in technical reliability, warranty and durability. Availability of products as well as technical support and

excellent service are to be understood as priority objectives. Besides cutting-edge precision, functionality and design make the difference and build the basis for our complex demand for high quality standards.

To realize our innovative product ideas and to meet the requirements of our customers we make use of all possibilities which modern R&D and production technologies can offer. Neutrik has developed and proven its own automated manufacturing methods. The professional mechanics of the automation department work with state-of-the-art technologies like video control systems and robotics.

Together with the systematic quality control the high precision robotic production processes ensures continuous quality and efficient delivery of goods to the right place at the right time.











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Introduction

The Neutrik® circular connector program is a range of metal, multi-pole connectors specifically designed for industrial applications. These series provide a variety of male and female cable connectors and receptacles that can be terminated by soldering and crimping or to printed circuit boards. An easy to use and reliable quick-lock system ensures a perfect connection and cannot be released accidentally. The circular connectors offer Neutrik® unique chuck type strain relief and reinforced housing for robust dependability.

The Neutrik® industrial connector range also features a unique power connector for single phase applications up to 32 Amps.

Further features are:

- Number of contacts is 1 to 12
- Self-locking system
- Robust all-metal housing
- Front or rear mounting
- Chuck and crimp type strain relief
- Gold plated contacts
- Solder or crimp termination
- Printed circuit board mounting
- Excellent shielding (crimp type strain relief)

The main areas of applications are in the measurement, test and control, automotive and machine tool industry as well as medical technique.





New quick lock

Neutrik hologramm

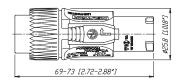
PowerCon® - Locking 3 Pole Power Connectors



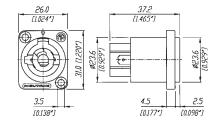
- Lockable 3 pole equipment (AC) connector with contacts for line, neutral and premating safety ground
- High current capacity, rated at 20A / 250V ac.
 Colour coded for easy identification, PowerCon® offers power-in (blue) and power-out (grey) versions with different keying to avoid the possibility of intermating
- Fast and easy locking system
- Extremely robust and reliable
- Excellent cable retention
- UL, cUL recognized components (file no. E 135070)
 VDE certified (Reg. No. 6360),
 SEV approved (No. 96.1 10096)
- New latch design for easier handling and secure locking
- Branded with unique hologram guarantees genuine and authentic Neutrik product



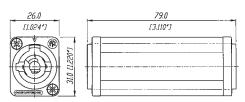
NAC3FCA(B)



NAC3MPA(B)



NAC3MM



Ordering Information

NAC3FCA	Cable connector, quick lock with securing lever, A-type for power inlet, screw terminals
NAC3MPA	Air tight chassis connector, A-type for power inlet, flat tab terminals
NAC3FCB	Cable connector, quick lock with securing lever, B-type for power outlet, screw terminals
NAC3MPB	Air tight chassis connector, B-type for power outlet, flat tab terminals
NAC3MM	Coupler for linking cables (couples NAC3FCA to NAC3FCB)

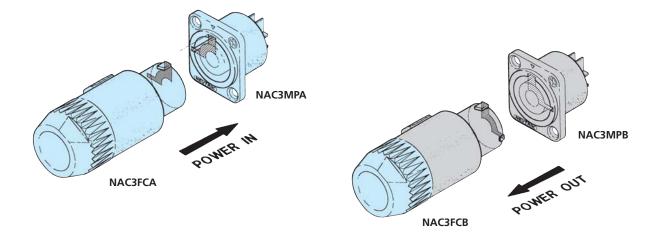
Accessories



NDL	Dummy plug for PowerCon 20 A chassis connector
NLFASTON	FASTON® receptacle for tabs with "positiv lock" for use with NL4MP, NL4MPR, NL8MPR, Pack of 100 pcs.
SCL	Plastic sealing cover to protect the connectors against dust and moisture
SCDR	Rear end protection cover for D-size chassis connectors
SCDX	Hinged cover seals D-size chassis connectors, IP42 rated

Accessories

With the two non-interchangeable types of connectors (A type and B type) it is impossible to produce a short circuit. Mating connectors (combination) are identified by mechanical keyways and by color.



ATTENTION

The technical data of the PowerCon® connectors refer to connectors without breaking capacity, meaning connecting devices not to be engaged and disengaged in normal use when live or under load.



Robust metal housing



Screw-type terminals

PowerCon® 32 Amp Connectors



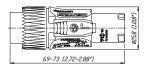
NAC3FC-HC

- Locking single phase AC appliance coupler
- High current capacity (32 A rated)
- Fast and easy locking system
- Excellent cable handling and protection
- Extremely robust and reliable
- 250 V ac, 32 Amp single-phase (for ambient temperatures up to 35°C)
- Premating contact for protective earth
- Locking system to prevent unintentional disengagement
- Cable O.D. Range: 8 20 mm
- Wiring with screw-type terminals for wires 2.5 to 6.0 mm² (AWG 14 - 10)

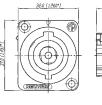


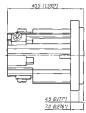
NAC3MP-HC

NAC3FC-HC



NAC3MP-HC









Connector locking

PCB receptacle

NanoCon® - 3 Pole Subminiature Connectors







NP3F-H

NSC3F

NR3M-S

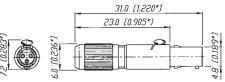
- World's smallest circular lockable multipole connector
- Robust metal housing with gold plated contacts
- Male and female receptacles for vertical or horizontal PCB mount or solder termination
- Cable connector and receptacle with interchangeable male and female inserts
- Reliable and versatile in applications like medical equipment, control systems, sensors or audio applications such as
- Pre-mating contact 1

miniature and wireless microphones and portable mixers

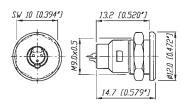
M 1:1



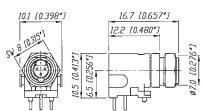
NSC3F(M)



NR3F(M)-S

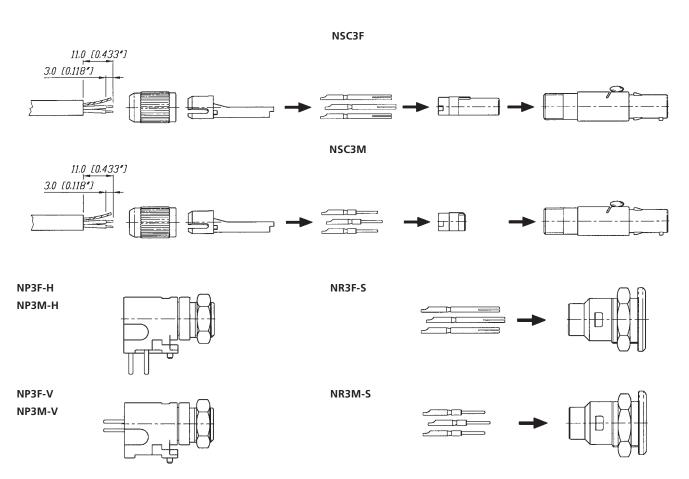


NP3F(M)-H



Ordering Information

Female		Male	
NSC3F	Cable connector, chuck principle, solder contacts	NSC3M	Cable connector, chuck principle, solder contacts
NR3F-S	Receptacle panel mount, solder contacts	NR3M-S	Receptacle panel mount, solder contacts
NP3F-H	Receptacle horizontal PCB mount	NP3M-H	Receptacle horizontal PCB mount
NP3F-V	Receptacle vertical PCB mount	NP3M-V	Receptacle vertical PCB mount



Contact Arrangement

male female







Gold solder contacts

MiniCon - 12 Pole Miniature Connectors







MRF12



MMC* (modular system)

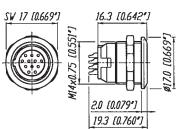
- Up to 12 pole miniature connector
- Complete set or modular system
- Push-pull self-locking system
- Precisely machined, rugged all metal design
- Fully loaded male and female receptacles for horizontal or vertical PCB mount
- Gold plated contacts, crimp or solder
- Special crimp type strain relief establishes an ideal coaxial connection of the cable shield to the connector shell for best EMC shielding

MPF(M)12-V

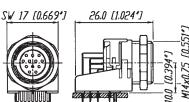




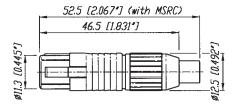
MRF(M)12



MPF(M)12-H



MSCF(M)12 (+MSRC)



Ordering Information for complete MiniCon set

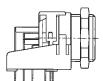
Complete set (consisting of housing, insert, 12 contacts and chuck for cable connector)

Female	Male
MSCF12 Cable connector, chuck principle, solder contacts	MSCM12 Cable connector, chuck principle, solder contacts
MRF12 Receptacle panel mount, solder contacts	MRM12 Receptacle panel mount, solder contacts
MPF12-H Receptacle horizontal PCB mount	MPM12-H Receptacle horizontal PCB mount
MPF12-V Receptacle vertical PCB mount	MPM12-V Receptacle vertical PCB mount

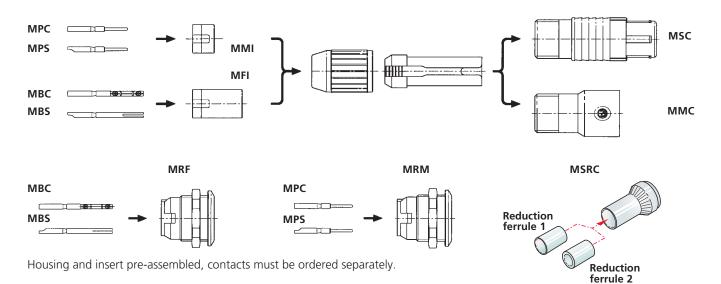
MSCF(M)12 MPF(M)12-V MPF(M)12-H







Ordering Information for modular MiniCon system



Modular system

Female		Male	
NACI	Incort for cable connector	N 4 N 4 I	locart for cable connector
MFI	Insert for cable connector	MMI	Insert for cable connector
MBC	Crimp contacts for cable connector and receptacle	MPC	Crimp contacts for cable connector and receptacle
MBS	Solder contacts for cable connector and receptacle	MPS	Solder contacts for cable connector and receptacle
MRF	Receptacle housing and insert pre-assembled	MRM	Receptacle housing and insert pre-assembled
MMC	Cable connector extension, incl. chuck (for male and	female)	
MSC	Cable connector housing, incl. chuck (for male and fe	emale)	
MSRC	Set of strain relief crimp version (tools see page 107,	crimp ferru	le & reduction ferrule 1 + 2)





Push Pull locking

All metal housing

Neutricon® - Versatile Circular Connectors







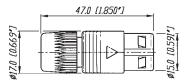
ORP8F-Ni

OSC8F

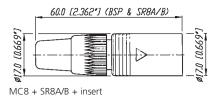
ORP8M

- Complete set or modular system for any desirable configuration
- Contact configuration can be selected from 1 to 8 contacts
- Special crimp type strain relief establishes an ideal circumferential connection of the cable shield to the connector shell as required by best EMC working practice
- Precise and robust all metal housing absorbs vibration forces and protects contact inserts
- Easy, fast and screwless assembly
- Push-pull self-locking system

OSC8F / OSC8M



MODULAR SYSTEM



Polarization

Housing: Two variants of metal polarizing guides (90° and 180°).

Coding 90°

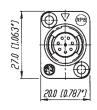


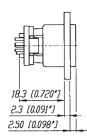


Coding 180°

Insert: The male and female insert can be assembled in all three housings.

ORP8F / ORP8M



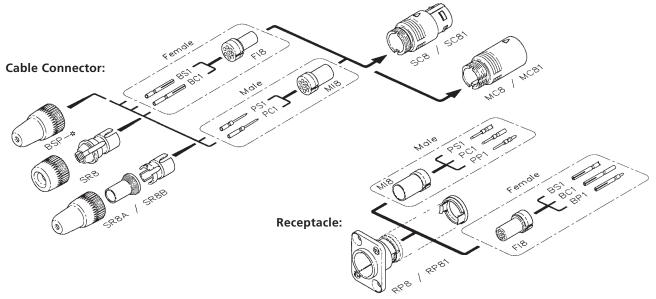


Ordering Information for complete Neutricon set

Complete set (consisting of housing, insert, 8 contacts and chuck for cable connector)

OSC8F	Female cable connector, chuck principle, black housing, solder contacts
OSC8F-Ni	Female cable connector, chuck principle, nickel housing, solder contacts
OSC8M	Male cable connector, chuck principle, black housing, solder contacts
OSC8M-Ni	Male cable connector, chuck principle, nickel housing, solder contacts
ORP8F	Female panel mount receptacle, black housing, solder contacts
ORP8F-Ni	Female panel mount receptacle, nickel housing, solder contacts
ORP8M	Male panel mount receptacle, black housing, solder contacts
ORP8M-Ni	Male panel mount receptacle, nickel housing, solder contacts

Ordering Information for modular Neutricon system



Modular system

Female		Male				
FI8	Insert for cable connector and receptacle	MI8	Insert for cable connector and receptacle			
BS1	Solder contact	PS1	Solder contact			
BC1	Crimp contact	PC1	Crimp contact			
BP1	PCB contact	PP1	PCB contact			
SC8	Cable housing, black coated, 180° coding	MC8	Mating cable housing, black coated, 180° coding			
SC8-Ni	Cable housing, nickel coated, 180° coding	MC8-Ni	Mating cable housing, nickel coated, 180° coding			
SC81	Cable housing, black coated, 90° coding	MC81	Mating cable housing, black coated, 90° coding			
SC81-Ni	Cable housing, nickel coated, 90° coding	MC81-Ni	Mating cable housing, nickel coated, 90° coding			
SC8W	Cable housing, black coated, 180° coding, waterprod	of multipin	connector according IP54			
RP8	Receptacle, black coated, 180° coding					
RP8-Ni	Receptacle, nickel coated, 180° coding					
RP81	Receptacle, black coated, 90° coding					
RP81-Ni	Receptacle, nickel coated, 90° coding					
SR8	Bushing and chuck type strain relief (standard)					
SR8A	Crimp type strain relief for cable O.D. 3 - 3.8 mm (He	ex crimp 5.4	1 mm acc. IEC 803, see also page 15)			
SR8B	Crimp type strain relief for cable O.D. 6 - 7 mm (Hex crimp 7.01 mm acc. IEC 803, see also page 15)					
SR8W	Bushing and chuck type strain relief for waterproof solution IP54					
BSP-*	Coloured boot, available in 10 resistor colours					
	* color coding: 0 - Black, 1- Brown, 2 - Red, 3 - Orange, 4 - Yellow	, 5 - Green, 6	- Blue, 7 - Violet, 8 - Grey, 9 - White			

Technical Data

Specification	PowerCon® 3 Series	32 A PowerCon® Series	NanoCon® Series	MiniCon [®] Series	NeutriCon® Series
Electrical					
Number of contacts:	2 + PE	2 + PE	3	12 (1-12 modular system)	8 (1-8 modular system)
Rated current per contact:	20 A rms	32 A rms	2 A		5 A (solder), 5 A (crimp)
Rated voltage:	250 V ac	250 V ac	50 V ac	50 V ac	50 V ac
Dielectric strength:	4000 V dc	4000 V dc	1000 V dc	1000 V dc	1500 Vdc
Contact resistance:	≤ 3 mΩ	≤ 3 mΩ	≤ 12 mΩ	≤ 8 mΩ	≤ 5 mΩ
Insulation resistance after damp heat test (IEC 68-2-30):	> 100 MΩ	> 100 MΩ	> 1 GΩ	> 500 MΩ	> 500 MΩ
Mechanical					
Retention method:	Quick lock	Quick lock	latch	Push-pull	Push-pull
Cable O.D. range:	5 - 15 mm	8 - 20 mm	3.4 mm max.	3 - 5 mm (grey chuck)	3 - 7 mm
	3 13 11111	2 20 111111	5	5 - 7 mm (white chuck)	3 - 3.8 mm (SR8A)
				2.5 - 6 mm	6 - 7 mm (SR8B)
				(crimp version MSRC)	,
Wiring:	Cable: screw type	screw type terminals	0.2 mm ² / 24 AWG	0.5 mm ² / 20 AWG	1.0 mm ² / 18 AWG
	terminals or soldering 2.5 mm ² /14 AWG	2.5-6 mm ² /14-10 AWG	for solid wire	for solder	for solder
	Chassis: flat tabs for FASTOI	\ ®	0.14 mm ²	0.22 mm ²	0.14 - 0.34 mm ²
	Chassis had also for 17 b for	•	26 AWG	24 AWG	
Solderability complies with IEC	4.8 x 0.5 mm or soldering				22 - 26 AWG for crimp
Solderability complies with IEC	4.8 x 0.5 mm or soldering		26 AWG	24 AWG	22 - 26 AWG
Material	4.8 x 0.5 mm or soldering		26 AWG for stranded wire •	24 AWG	22 - 26 AWG for crimp •
Material Housing cable connector:	4.8 x 0.5 mm or solderin 68-2-20: ● PA 6 30% GR	ng	26 AWG for stranded wire • CuSn4Pb4Zn4	24 AWG for crimp • ZnAl4Cu1 / CuZn39Pb3	22 - 26 AWG for crimp • 3 ZnAl4Cu1 gal Ni or black chrome
Material Housing cable connector:	4.8 x 0.5 mm or solderin 68-2-20: •	ng	26 AWG for stranded wire •	24 AWG for crimp • ZnAl4Cu1 / CuZn39Pb: ZnAl4Cu1	22 - 26 AWG for crimp • 3 ZnAl4Cu1 gal Ni or black chrome ZnAl4Cu1,
Material Housing cable connector: Housing receptacle:	4.8 x 0.5 mm or solderin 668-2-20: ● PA 6 30% GR PA 6 30% GR	PA 6 30% GR PA 6.6 25% GR	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2	24 AWG for crimp • ZnAl4Cu1 / CuZn39Pb: ZnAl4Cu1	22 - 26 AWG for crimp
Material Housing cable connector: Housing receptacle:	4.8 x 0.5 mm or solderin 668-2-20: ● PA 6 30% GR PA 6 30% GR PA 6 30% GR	PA 6 30% GR PA 6.6 25% GR PA 6.6 25% GR	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2 PETP	24 AWG for crimp • ZnAl4Cu1 / CuZn39Pb3 ZnAl4Cu1 PA 6.6	22 - 26 AWG for crimp
Material Housing cable connector: Housing receptacle:	4.8 x 0.5 mm or solderin 668-2-20: ● PA 6 30% GR PA 6 30% GR PA 6 30% GR	PA 6 30% GR PA 6.6 25% GR	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2	24 AWG for crimp • ZnAl4Cu1 / CuZn39Pb: ZnAl4Cu1	22 - 26 AWG for crimp
Material Housing cable connector: Housing receptacle: Insert: Contacts:	4.8 x 0.5 mm or soldering 68-2-20: PA 6 30% GR PA 6 30% GR PA 6 30% GR CuZn39Pb3 / CuSn6	PA 6 30% GR PA 6.6 25% GR PA 6.6 25% GR CuZn39Pb3 / CuSn0.2	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2 PETP CuZn35Pb2	24 AWG for crimp • ZnAl4Cu1 / CuZn39Pb3 ZnAl4Cu1 PA 6.6 CuZn35Pb2 (solder) CuZn39Pb3 (crimp) CuSn6	22 - 26 AWG for crimp
Material Housing cable connector: Housing receptacle: Insert: Contacts:	4.8 x 0.5 mm or solderin 668-2-20: ● PA 6 30% GR PA 6 30% GR PA 6 30% GR	PA 6 30% GR PA 6.6 25% GR PA 6.6 25% GR CuZn39Pb3 / CuSn0.2	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2 PETP	24 AWG for crimp • ZnAl4Cu1 / CuZn39Pb3 ZnAl4Cu1 PA 6.6 CuZn35Pb2 (solder) CuZn39Pb3 (crimp)	22 - 26 AWG for crimp 3 ZnAl4Cu1 gal Ni or black chrome ZnAl4Cu1, gal Ni or black chrome PBTP 15% GR CuZn35Pb2 (solder) CuZn39Pb3 (crimp) 0.3 µm Au hard
Material Housing cable connector: Housing receptacle: Insert: Contacts:	4.8 x 0.5 mm or soldering 68-2-20: PA 6 30% GR PA 6 30% GR PA 6 30% GR CuZn39Pb3 / CuSn6 4 μm / 20 μm Ag plated	PA 6 30% GR PA 6.6 25% GR PA 6.6 25% GR CuZn39Pb3 / CuSn0.2	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2 PETP CuZn35Pb2 0.5 µm Au	24 AWG for crimp TnAl4Cu1 / CuZn39Pb3 ZnAl4Cu1 PA 6.6 CuZn35Pb2 (solder) CuZn39Pb3 (crimp) CuSn6 0.2 µm AuCo	22 - 26 AWG for crimp 3 ZnAl4Cu1 gal Ni or black chrome ZnAl4Cu1, gal Ni or black chrome PBTP 15% GR CuZn35Pb2 (solder) CuZn39Pb3 (crimp) 0.3 µm Au hard alloy over 2 µm Ni
Material Housing cable connector: Housing receptacle: nsert: Contacts: Contact surface:	4.8 x 0.5 mm or soldering 68-2-20: PA 6 30% GR PA 6 30% GR PA 6 30% GR CuZn39Pb3 / CuSn6	PA 6 30% GR PA 6.6 25% GR PA 6.6 25% GR CuZn39Pb3 / CuSn0.2	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2 PETP CuZn35Pb2	24 AWG for crimp • ZnAl4Cu1 / CuZn39Pb3 ZnAl4Cu1 PA 6.6 CuZn35Pb2 (solder) CuZn39Pb3 (crimp) CuSn6	22 - 26 AWG for crimp 3 ZnAl4Cu1 gal Ni or black chrome ZnAl4Cu1, gal Ni or black chrome PBTP 15% GR CuZn35Pb2 (solder) CuZn39Pb3 (crimp) 0.3 µm Au hard
Material Housing cable connector: Housing receptacle: Insert: Contacts: Contact surface: Chuck POM:	4.8 x 0.5 mm or soldering 68-2-20: PA 6 30% GR PA 6 30% GR PA 6 30% GR CuZn39Pb3 / CuSn6 4 μm / 20 μm Ag plated	PA 6 30% GR PA 6.6 25% GR PA 6.6 25% GR CuZn39Pb3 / CuSn0.2	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2 PETP CuZn35Pb2 0.5 µm Au	24 AWG for crimp TnAl4Cu1 / CuZn39Pb3 ZnAl4Cu1 PA 6.6 CuZn35Pb2 (solder) CuZn39Pb3 (crimp) CuSn6 0.2 µm AuCo	22 - 26 AWG for crimp 3 ZnAl4Cu1 gal Ni or black chrome ZnAl4Cu1, gal Ni or black chrome PBTP 15% GR CuZn35Pb2 (solder) CuZn39Pb3 (crimp) 0.3 µm Au hard alloy over 2 µm Ni
Material Housing cable connector: Housing receptacle: Insert: Contacts: Contact surface: Chuck POM: Environmental	4.8 x 0.5 mm or soldering 68-2-20: PA 6 30% GR PA 6 30% GR PA 6 30% GR CuZn39Pb3 / CuSn6 4 μm / 20 μm Ag plated	PA 6 30% GR PA 6.6 25% GR PA 6.6 25% GR CuZn39Pb3 / CuSn0.2 d 4 μm Ag	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2 PETP CuZn35Pb2 0.5 µm Au •	24 AWG for crimp • ZnAl4Cu1 / CuZn39Pb3 ZnAl4Cu1 PA 6.6 CuZn35Pb2 (solder) CuZn39Pb3 (crimp) CuSn6 0.2 µm AuCo	22 - 26 AWG for crimp 3 ZnAl4Cu1 gal Ni or black chrome ZnAl4Cu1, gal Ni or black chrome PBTP 15% GR CuZn35Pb2 (solder) CuZn39Pb3 (crimp) 0.3 µm Au hard alloy over 2 µm Ni
Material Housing cable connector: Housing receptacle: Insert: Contacts: Contact surface: Chuck POM: Environmental Flammability UL 94 HB:	4.8 x 0.5 mm or soldering 68-2-20: • PA 6 30% GR PA 6 30% GR PA 6 30% GR CuZn39Pb3 / CuSn6 4 μm / 20 μm Ag plated	PA 6 30% GR PA 6.6 25% GR PA 6.6 25% GR CuZn39Pb3 / CuSn0.2 d 4 μm Ag • plug housing	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2 PETP CuZn35Pb2 0.5 µm Au UL 94 V-0	24 AWG for crimp TnAl4Cu1 / CuZn39Pb3 ZnAl4Cu1 PA 6.6 CuZn35Pb2 (solder) CuZn39Pb3 (crimp) CuSn6 0.2 µm AuCo	for crimp To cr
Material Housing cable connector: Housing receptacle: Insert: Contacts: Contact surface: Chuck POM: Environmental Flammability UL 94 HB: Flammability UL 94 V-0:	4.8 x 0.5 mm or soldering 68-2-20: • PA 6 30% GR PA 6 30% GR PA 6 30% GR CuZn39Pb3 / CuSn6 4 μm / 20 μm Ag plated	PA 6 30% GR PA 6.6 25% GR PA 6.6 25% GR CuZn39Pb3 / CuSn0.2 d 4 μm Ag	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2 PETP CuZn35Pb2 0.5 µm Au UL 94 V-0	24 AWG for crimp • ZnAl4Cu1 / CuZn39Pb3 ZnAl4Cu1 PA 6.6 CuZn35Pb2 (solder) CuZn39Pb3 (crimp) CuSn6 0.2 µm AuCo	for crimp To cr
Material Housing cable connector: Housing receptacle: nsert: Contacts: Contact surface: Chuck POM: Environmental Flammability UL 94 HB:	4.8 x 0.5 mm or soldering 68-2-20: • PA 6 30% GR PA 6 30% GR PA 6 30% GR CuZn39Pb3 / CuSn6 4 μm / 20 μm Ag plated	PA 6 30% GR PA 6.6 25% GR PA 6.6 25% GR CuZn39Pb3 / CuSn0.2 d 4 µm Ag • plug housing socket housing + plug inse	26 AWG for stranded wire CuSn4Pb4Zn4 CuZn39Pb2 PETP CuZn35Pb2 0.5 µm Au UL 94 V-0 ert -	24 AWG for crimp Tanalacu1 / CuZn39Pb3 ZnAlacu1 PA 6.6 CuZn35Pb2 (solder) CuZn39Pb3 (crimp) CuSn6 0.2 µm AuCo UL 94 V-0 -	22 - 26 AWG for crimp B ZnAl4Cu1 gal Ni or black chrome ZnAl4Cu1, gal Ni or black chrome PBTP 15% GR CuZn35Pb2 (solder) CuZn39Pb3 (crimp) 0.3 µm Au hard alloy over 2 µm Ni

FASTON® is a trademark of AMP Inc.

Assembly Tools

Crimptool



DMC crimptool AFM8 acc. M22520/2-01

MPOS-*



Modified DMC positioner (K155) Contact positioner helds contact in position when crimping.

Contact and connector assembly

Crimptool HX-R-BNC



Neutrik® HEX crimptool

DIE-R-BNC-*



Neutrik® DIE's for various HEX sizes.

Neutricon° - Ordering Information Assembly Tools

		Cable O.D. / Wire	Crimptool	Die/Positioner	HEX-Size/Standard
SR8A	Strain relief	3 - 3.8 mm	HX-R-BNC	DIE-R-BNC-PJ	5.41 mm / IEC 803
SR8B	Strain relief	6 - 7 mm	HX-R-BNC	DIE-R-BNC-PS	7.01 mm / IEC 803
BC1	Female crimp contact	AWG 22 -26	HX-CONTACT	MPOS-BC1	No. 5 / M22520/2-01
PC1	Male crimp contact	AWG 22 -26	HX-CONTACT	MPOS-PC1	No. 5 / M22520/2-01

MiniCon° - Ordering Information Assembly Tools

		Cable O.D. / Wire	Crimptool	Die/Positioner	HEX-Size/Standard
MSRC	Crimp ferrule only	4.5 - 6 mm	HX-R-BNC	DIE-R-BNC-PDC*	6.47 mm / IEC 803
MSRC	Crimp ferrule & reduction ferrule 1	3.3 - 4.4 mm	HX-R-BNC	DIE-R-BNC-PDC*	6.47 mm / IEC 803
MSRC	Crimp ferrule & reduction ferrule 2	2.5 - 3.2 mm	HX-R-BNC	DIE-R-BNC-PDC*	6.47 mm / IEC 803
MBC	Female crimp contact	24 AWG/0.22 mm ²	HX-CONTACT	MPOS-MBC	No. 5 / M22520/2-01
MPC	Male crimp contact	24 AWG/0.22 mm ²	HX-CONTACT	MPOS-MPC	No. 5 / M22520/2-01

^{*} DIE-R-BNC-PJ or PS also possible