



## Circular Connectors

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onlinecomponents.com

# powerCON



New quick lock



Neutrik hologram



Coupler for linking cables

## powerCON - Locking 3 Pole Power Connectors



NAC3FCA



NAC3MPA



NAC3FCB



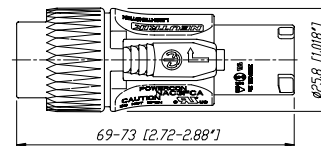
NAC3MPB



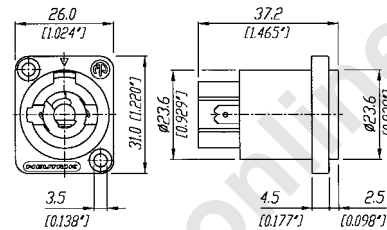
NAC3MM

- Lockable 3 pole equipment (AC) connector with contacts for line, neutral and pre-mating 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
- Coupler for linking cables (couples NAC3FCA to NAC3FCB)

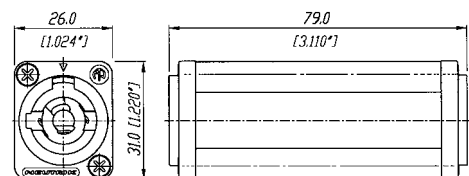
### NAC3FCA(B)



### NAC3MPA(B)



### NAC3MM



# powerCON



Robust metal housing



Screw-type terminals

## powerCON 32 Amp Connectors



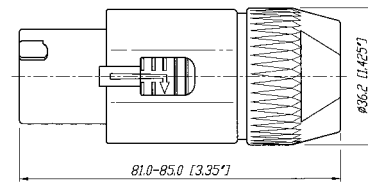
NAC3FC-HC



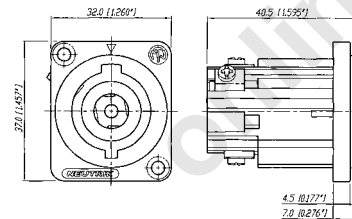
NAC3MP-HC

- 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 mm<sup>2</sup> (AWG 14 - 10)

### NAC3FC-HC



### NAC3MP-HC



## Ordering Information

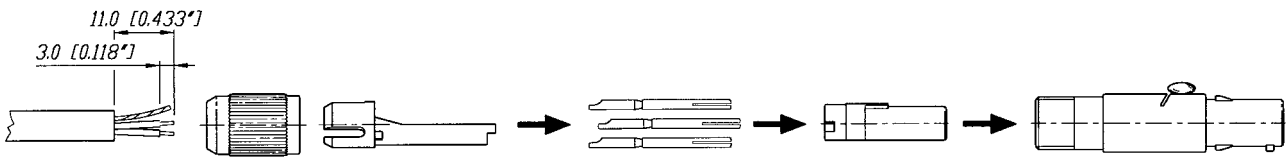
NAC3FC-HC	Cable connector, quick lock with securing lever, screw terminals
NAC3MP-HC	Fast and easy locking system, screw-type terminals

# n a n o C O N

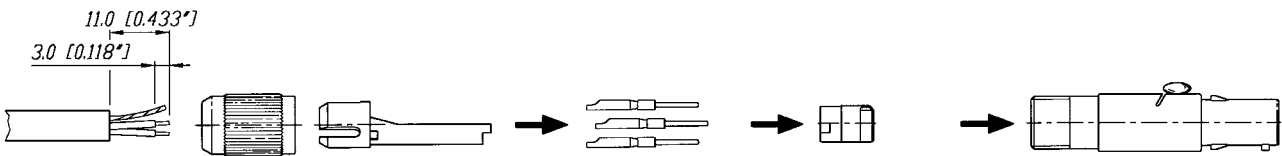
## Ordering Information

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

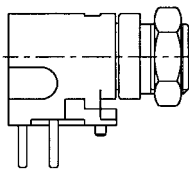
NSC3F



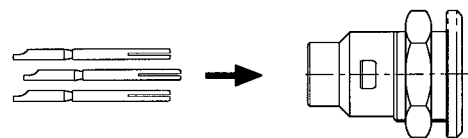
NSC3M



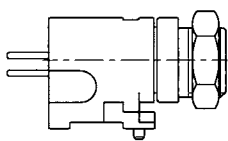
NP3F-H  
NP3M-H



NR3F-S



NP3F-V  
NP3M-V



NR3M-S



### Contact Arrangement

Stecker



Buchse



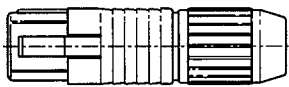
# miniCON

## Ordering Information for complete miniCON set

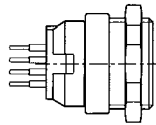
Complete set (consisting of housing, insert, 12 contacts and chuck for cable connector)

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

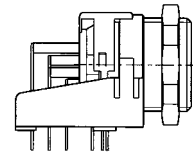
MSCF(M)12



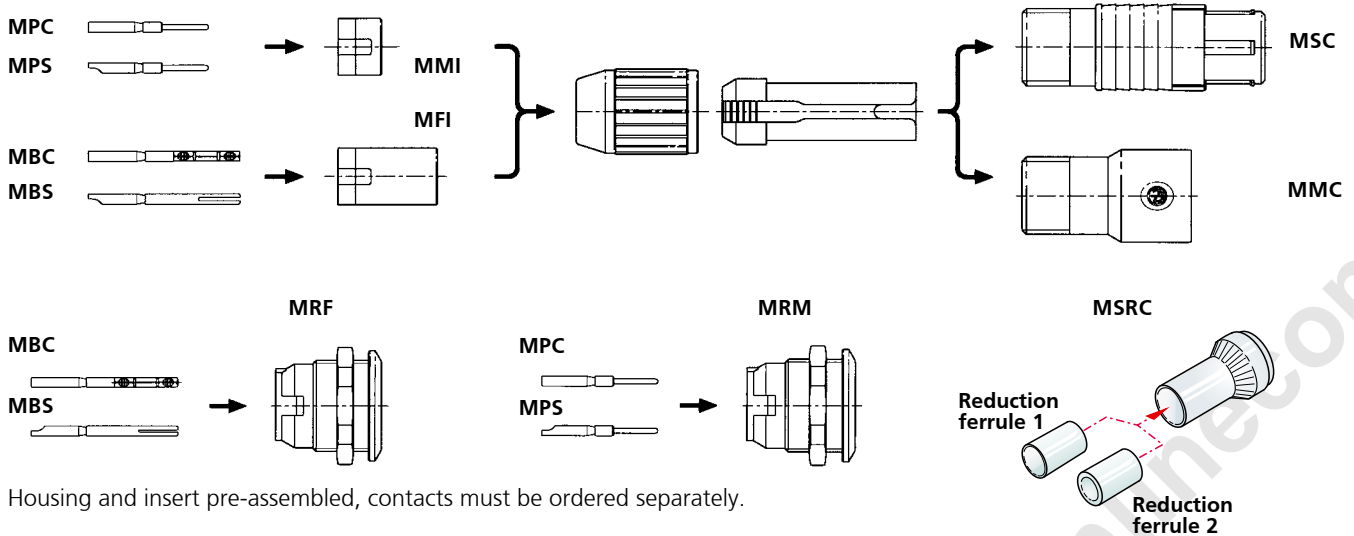
MPF(M)12-V



MPF(M)12-H



## Ordering Information for modular miniCON system



### Modular system

Female	Male
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 female)	
MSRC Set of strain relief crimp version (consisting of crimp ferrule & reduction ferrule 1 + 2, tools see page 122)	

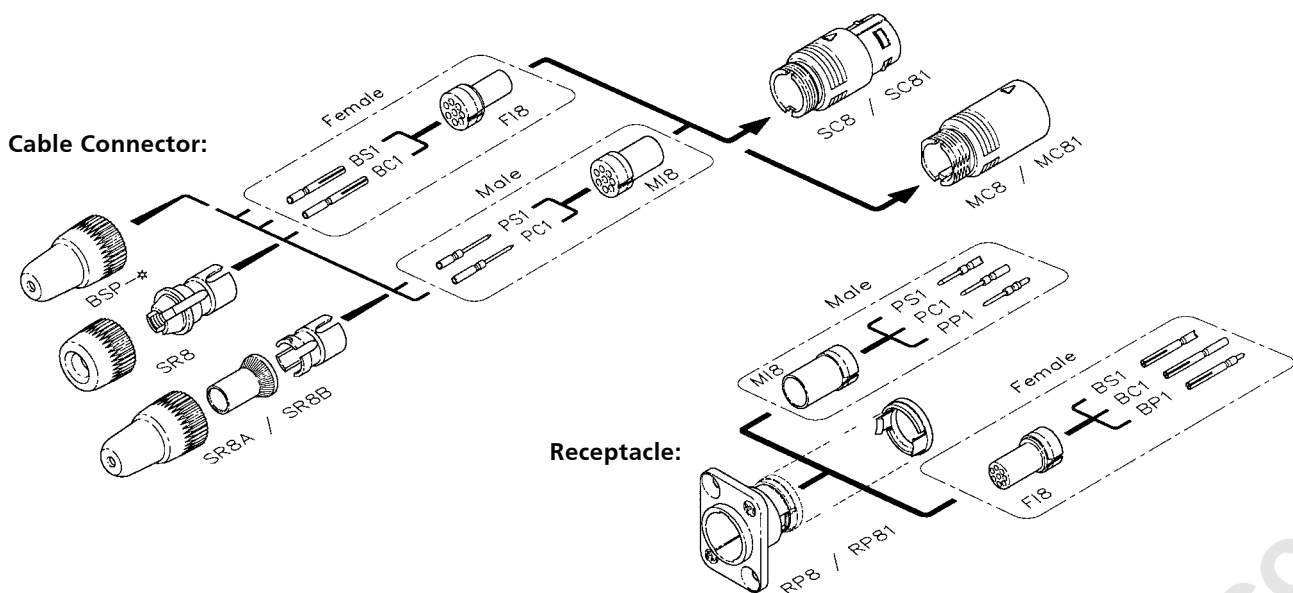
# neutriCON

## 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, waterproof 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 (Hex crimp 5.41 mm acc. IEC 803, see also page 122)		
SR8B	Crimp type strain relief for cable O.D. 6 - 7 mm (Hex crimp 7.01 mm acc. IEC 803, see also page 122)		
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

# Assembly Tools

## Crimptool



**Crimptool HX-CONTACT** DMC crimp tool AFM8  
acc. M22520/2-01



**MPOS-\*** Modified DMC positioner (K155) Contact  
positioner holds contact in position when  
crimping.

## Contact and connector assembly



**Crimptool HX-R-BNC** Neutrik® HEX crimp tool



**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 <sup>2</sup>	HX-CONTACT	MPOS-MBC	No. 5 / M22520/2-01
MPC	Male crimp contact	24 AWG/0.22 mm <sup>2</sup>	HX-CONTACT	MPOS-MPC	No. 5 / M22520/2-01

\* DIE-R-BNC-PJ or PS also possible