



# NC3FD-S-1-B

3 pole female receptacle, D-size metal body, screw terminals accommodating wire range 0.14mm² to 0.5mm² (AWG 26 -20), black metal housing, gold contacts, UL recognized component

## Features & Benefits

- ✓ Robust "D" metal shell
- ✓ Standardized D sized 24 mm panel cutout
- ✓ Screw terminals

## Technical Information

Product	
Title	NC3FD-S-1-B
Connection Type	XLR
Gender	female

Electrical	
Capacitance between contacts	$\leq 4 \text{ pF}$
Contact resistance	$\leq 5 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	3 A
Rated voltage	$< 50 \text{ V}$

Mechanical	
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	$> 1000$ mating cycles
Wiresize	0.14 mm <sup>2</sup> bis 0.5 mm <sup>2</sup>
Wiresize	26 AWG - 20 AWG
Wiring	screw terminals
Locking device	Latch lock
Mounting direction	Rear mounting
Chassis shape	D

Material	
Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Bronze (CuSn8)
Insert	PA66
Locking element	Steel Ck67
Locking element plating	Nickel
Shell	Zinc diecast (ZnAl4Cu1)
Shell coating	Black KTL

Environmental	
Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Protection class	IP 40
Temperature range	-30 °C to +80 °C