



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 ² bis 0.5 mm ² |
| 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 |