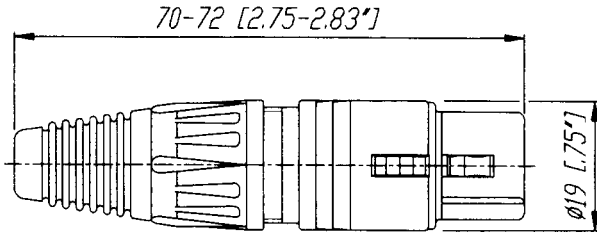


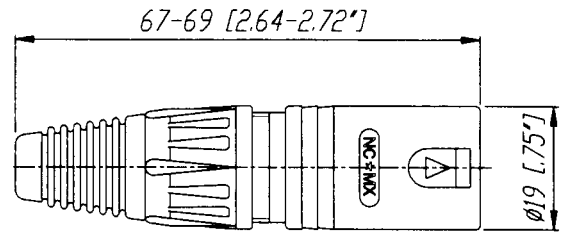


3 Pole XLR Plug & Socket Details

Technical Library



NC3FX



NC3MX

| Type Nr. CODING | | | | SPECIAL VERSIONS/ REMARKS | SPECIFICATIONS | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------|-------------------------------------|------------|--|--|--|---|-------|-------------------------------------|-------|---|----|--------|----------|---|----|--------|----------|---|-----|--------|----------|---|-----|--------|----------|---|---|--------|----------|
| SHELL | CONT. | FEMALE | MALE | | TYPE SPECIFIC | COMMON <i>(unless otherwise stated)</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| Nickel | Silver | NC*FX | NC*MX | Compatibility: IEC tentative standard Switchcraft QG (except 6 pole) & Cannon XLR | ELECTRICAL Number of contacts: 3-7 | ELECTRICAL Rated current: see table below (except XY-series) Contact resistance: $\leq 3\text{ m}\Omega$ (except XY-series) Insulation resistance - initial: $>2 \cdot 10^9\Omega$ - after damp heat test: $>1 \cdot 10^9\Omega$ Dielectric strength: 1500 V dc | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cr | Gold | NC*FX-B | NC*MX-B | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Silver | NC3FX-BAG | NC3MX-BAG | Special 6 pole version, compatible to Switchcraft QG (not according to IEC): - NC6FSX (-B) / (-BAG) - NC6MSX (-B) / (-BAG) | | <table border="1"> <thead> <tr> <th>x</th> <th>I (A)</th> <th>\square (mm²/AWG)</th> <th>C(pF)</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>16</td> <td>2.5/14</td> <td>≤ 4</td> </tr> <tr> <td>4</td> <td>10</td> <td>1.5/16</td> <td>≤ 7</td> </tr> <tr> <td>5</td> <td>7.5</td> <td>1.0/18</td> <td>≤ 7</td> </tr> <tr> <td>6</td> <td>7.5</td> <td>1.0/18</td> <td>≤ 7</td> </tr> <tr> <td>7</td> <td>5</td> <td>1.0/18</td> <td>≤ 9</td> </tr> </tbody> </table> | x | I (A) | \square (mm ² /AWG) | C(pF) | 3 | 16 | 2.5/14 | ≤ 4 | 4 | 10 | 1.5/16 | ≤ 7 | 5 | 7.5 | 1.0/18 | ≤ 7 | 6 | 7.5 | 1.0/18 | ≤ 7 | 7 | 5 | 1.0/18 | ≤ 9 |
| x | I (A) | \square (mm ² /AWG) | C(pF) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 16 | 2.5/14 | ≤ 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 10 | 1.5/16 | ≤ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 7.5 | 1.0/18 | ≤ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 7.5 | 1.0/18 | ≤ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 5 | 1.0/18 | ≤ 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nickel | Silver | NC6FSX | NC6MSX | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Black Cr | Gold | NC6FXS-B | NC6MXS-B | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Silver | NC6FSX-BAG | NC6MSX-BAG | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Disassembled version (3 pole only) in dispenser box of 100 pcs.: add suffix "-D" | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | *= 3-7 pole | | | | | | | | | | | | | | | | | | | | | | | | | | |