



NC3MBV-SW

3 pole male XLR receptacle, switching contacts, grounding: separate ground contact to mating connector shell and front panel, vertical PCB mount

The switching contacts are activated by the mating connector offering the possibility to indicate, monitor and control the mated connection. The switch provides a normal open and normal closed contact.

Same as A series with exception of a metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC practice. UL recognized component.

Features & Benefits

- ✓ Metal mounting flange featuring continuous circumferential ground contact to chassis for best EMC and RF protection
- ✓ Fitted with changeover switch
- ✓ Normally open, normally closed (NO - NC) contact
- ✓ Switch activated by inserting the cable connector

Technical Information

| Product | |
|-----------------|-----------|
| Title | NC3MBV-SW |
| Connection Type | XLR |
| Gender | male |

| Electrical | |
|------------------------------|---|
| Capacitance between contacts | $\leq 4 \text{ pF}$ |
| Contact resistance | $\leq 6 \text{ m}\Omega$ |
| Dielectric strength | 1.5 kVdc |
| Insulation resistance | $>10 \text{ G}\Omega$ |
| Rated current per contact | 6 A |
| Rated voltage | $< 50 \text{ V}$ |
| Grounding Options | Separate ground contact connected to mating connector shell and front panel, no connection to Pin 1 |

| Mechanical | |
|--------------------|------------------------|
| Insertion force | $\leq 20 \text{ N}$ |
| Withdrawal force | $\leq 20 \text{ N}$ |
| Lifetime | > 1000 mating cycles |
| Wiresize | |
| Wiring | vertical PCB mount |
| Locking device | Latch lock |
| Mounting direction | Rear mounting |
| Chassis shape | B |
| Mounting | B-Screw |

| Material | |
|-----------------|-------------------------|
| Contacts | Brass (CuZn35Pb2) |
| Insert | Polyamide (PA66) |
| Locking element | Steel Ck67 |
| Ring | Zinc diecast (ZnAl4Cu1) |
| Flange | Metal |

| Environmental | |
|---------------------|---------------------------|
| Approvals | UL |
| Flammability | UL 94 V-0 |
| Standard compliance | IEC 61076-2-103 |
| Protection class | IP 40 |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C |