NC3MBV-SW

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

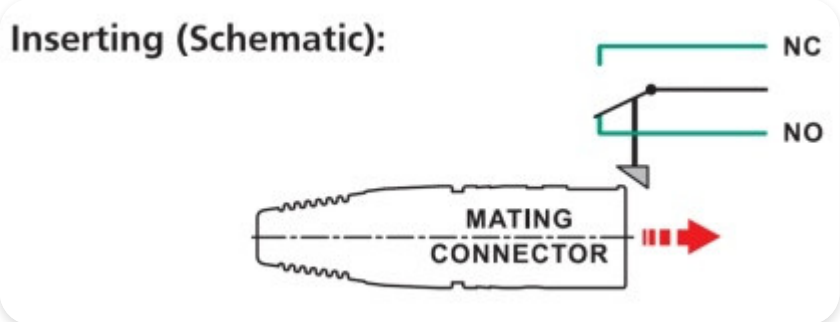
The switching contacts are activated by the mating connector offering the possibility to indicate, monitor and control the mated connection. The switch provides a normal open and normal closed contact.

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

Inserting (Schematic)



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Technical Information

Product	
Title	NC3MBV-SW
Connection Type	XLR
Gender	male

Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 6 mΩ
Dielectric strength	1.5 kVdc
Insulation resistance	>10 GΩ
Rated current per contact	6 A
Rated voltage	< 50 V
Grounding Options	Separate ground contact connected to mating connector shell and front panel, no connection to Pin 1

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Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 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

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