

General Description

This high quality, cable mounted socket features a robust two piece body with an integrated insulation clamp. Its insulated core is enclosed within a durable metal shell equipped with a secure press locking mechanism, making it an excellent choice for traditional audio cable assembly applications. The body is precision die cast from zinc alloy and lathe finished for enhanced accuracy, strength, and durability, then nickel-plated for added corrosion resistance. Precision machined brass pins are silver plated to deliver superior conductivity and audio performance. The integrated strain relief system supports cable diameters up to 5mm.

Key Features:

- Robust two-piece body with integrated metal wire insulation clamp
- Durable metal shell with secure press-locking mechanism
- Silver-plated, precision-machined brass pins for superior conductivity
- Integrated strain relief for cables up to 6mm diameter
- Available as a standalone connector or pre-assembled cable solution



Electrical

Current Rating	3 Pin - 16A 4 and 5 Pin - 10A
Dielectric Withstanding Voltage	1500V DC
Contact Resistance	<3mΩ
Insulation Resistance	>2GΩ
Capatitance between contacts	3 Pin - ≤4Pf, 4 and 5 Pin - ≤7Pf

Environmental

Insertion Force	≤20N
Mating Cycles	>1000

Materials

Centre Pins	Brass/Silver
Metal Parts	Zinc/ Nickel

Processing

Cable OD	3.0 to 5.00mm
AWG	3 Pin - 2.5mm/14AWG, 4 Pin - 1.5mm/16AWG 5 Pin - 1.0mm/18AWG

Available in different pin variations:

AXCS-3S-ZNDS3-B- 3 Pin

AXCS-4S-ZNDS3-B- 4 Pin

AXCS-5S-ZNDS3-B- 5 Pin

