Building Biology Products
and services

Low frequency



Electrical installation - Accessories

Insulating tube ISO-S-FPA

Technical data

length:	10 Metre
diameter Ø:	ID 3,5 mm x 0,4 mm
colour:	telemagenta / pink
material:	Soft-PVC
Testing:	according to DIN 40621

- for the safe insulation of shielding wires of shielded installation cables.
- for marking accessory sockets with shielding wire
- for insulating shielding wires and grounding wires from shielding surfaces in the distributor to the FPA rail
- The ISO-S-FPA insulating tube is used in accordance with the new DIN EN 60445 (VDE 0197) guideline for insulating shielding wires for functional potential bonding. This ensures that no electrically conductive contact can be made with other live parts (short circuit!) and that functional grounds are detected immediately.

  For more information also visit:
  www.funktionspotentialausgleich.de

Scope of application

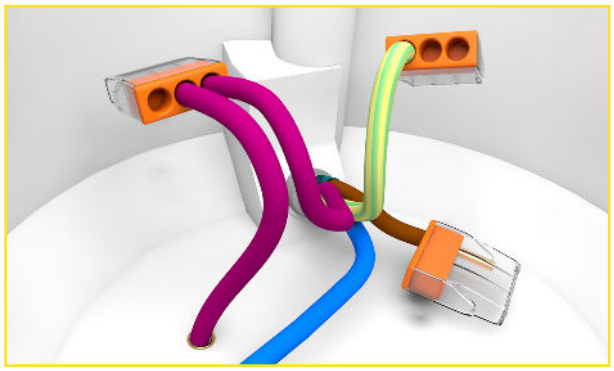
For safe insulation of shielding wires in installation cables and boxes as well as grounding wires of shielding surfaces in the sub-distribution board.

Scope of delivery

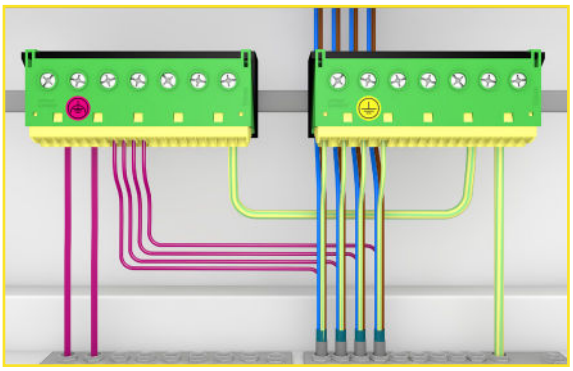
Insulating tube ISO-S-FPA (1 pc. = 10 metres)

Technical data sheet

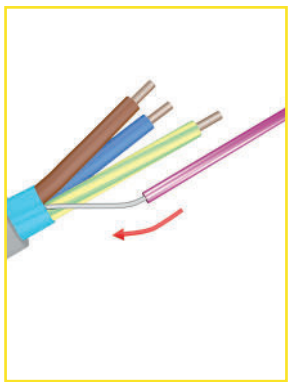
Order-No.: 760201
Short-Desc.: ISO-S-FPA



Connecting the shielding wire to the shielded cable



Mark functional potential bonding for better orientation. Connect main grounding busbar to PE as usual, connect busbar FPA and busbar PE with ≥ 4 mm² cross-section.







Biologa Danell GmbH • Hauptstraße 27 • 72336 Balingen • GERMANY • +49 7433 955 7172 • info@biologadanell.com • www.biologadanell.com