

CONNECTIONS FOR TRAM POWER SUPPLY

These polycarbonate connectors have been designed to the ALSTOM Transport specification for the control part of the "APS II" control box, controlling the ground-power supply of trams.

This relates to 4 pairs of connectors, provided with mechanical and visual foolproof devices making change-over impossible.

They are respectively fitted with 3, 6, 10 and 10 hermaphroditic contacts taking wires from 0.5 to 4 mm².

Plugs are supplied wired as per customer specification.

Technical characteristics

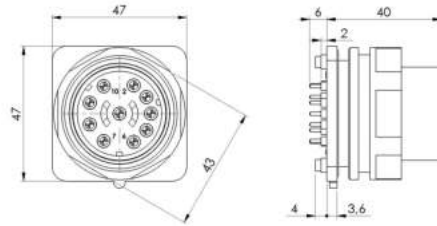
Material Shells and Insulators : Polycarbonate
Contacts : Brass nickel and gold plated

Contact resistance : < 1 mΩ
Insulation resistance : > 100 000 MΩ under 500 Vcc
Range temperature : -30°C à +85°C
Waterproofness IP 68 according to NF EN 50125

Receptacles

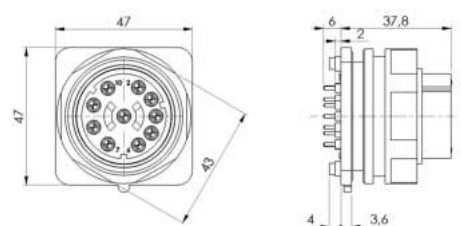
Male receptacle J1, 10 spills contacts.

Order code
Receptacle J1 271-310-201



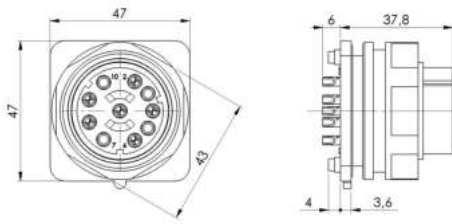
Female receptacle J2, 10 spills contacts.

Order code
Receptacle J2 272-310-201



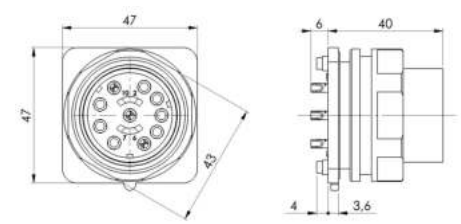
Female receptacle J3, 6 solder type contacts for wire section 1,5 mm².

Order code
Receptacle J3 272-306-201



Male receptacle J4, 3 solder type contacts for wire section 1,5 mm².

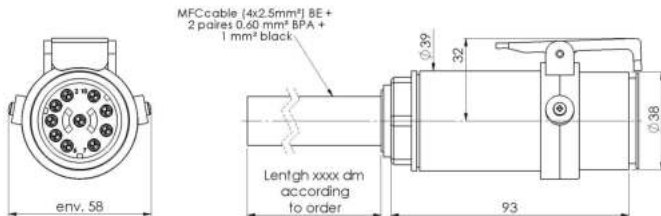
Order code
Receptacle J4 271-303-201



Harnesses

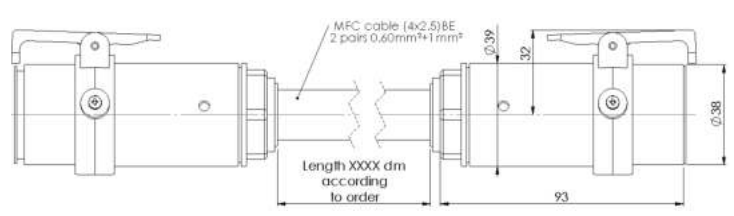
Harness with female plug 10 cts (J1) and cable MFC.

Order code
Harness J1 275-3-... 13



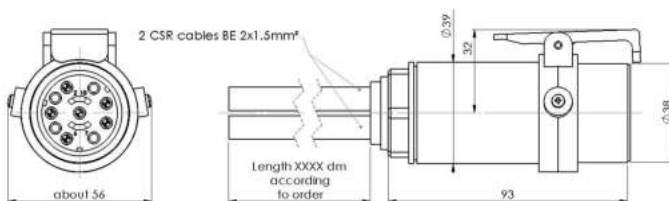
Harness with 1 female plug 10 cts (J1), 1 male plug 10 cts (J2) and cable MFC.

Order code
Harness J1+J2 276-3-... 11



Harness with male plug 6 cts (J3) and 2 cables CSR.

Order code
Harness J3 275-3-... 11



Harness with female plug 3 cts (J4) and 3 cables PBS.

Order code
Harness J4 275-3-... 12

