



## ITS 500 Series

### HIGH CURRENT AND HIGH VOLTAGE CONNECTORS FOR RAILWAY APPLICATIONS

Single pole back panel mounting receptacle, high current rating, with rapid bayonet joint. Backshell suitable for heat shrinks boots, conduit UNI 4883 , metric threads, etc.



Receptacle Connector

#### TECHNICAL CHARACTERISTICS :

- Contacts: Single Pole
- Cable section: 185 mm<sup>2</sup>
- Working voltage: 1800 Vdc
- Test volt. : 5000 Vac RMS
- Current rating: 600 A at 80°C
- Max. current rating: 1000 A at 20°C
- Working temperature:  
(-55 ÷ +125)°C
- IP rating (coupled connector): IP 67

#### MATERIAL AND FINISH :

- Contacts : copper alloy with silver plating;
- Plastic insert (fire resistant) according to NF F16-101 Exigence 3;
- Gaskets in polychloroprene rubber;
- Metallic parts in aluminium alloy with Black conductive ZnCo (F7) finish in accordance with RoHS.

#### CONFIGURATIONS :

- Rear panel mounting male and female contacts;
- Straight plug and elbow connector : male and female contacts.



Plug Connector