



# CSR 31000 CONNECTOR SERIES

## RACK POWER SUPPLY

### Technical Characteristics

#### Material

- Contacts : Silver plated copper (power contacts)/ brass (pilot contacts)
- Guide pins and studs : Stainless steel
- Insert : PA 6.6 glass fiber reinforced

#### Electrical

- Configuration : 2 contacts Ø14 or 18mm + 7 contacts Ø4 mm
- Nominal rating : Ø4 : 30 A - Ø14 : 350 A - Ø18 : 500 A
- Service voltage : 700 Vcc max
- Test voltage : 3 500V / 1 min
- Insulation resistance : > 5000 MΩ

#### Mechanical

- Fixed female socket / Floating male plug
- Misalignment capability of the electrical blocks :  $\pm 2$  mm on OX & OY /  $\pm 4$  mm on longitudinal axis
- Insertion force : min 12 daN / max 15 daN

#### Termination

- Power contact : Screw type for terminal lug
  - 350 A Version : screw M10\*
  - 500 A Version : screw M12\*
- Pilot contacts : Crimp type (0,5 to 1,5 mm<sup>2</sup>)

#### Standards

- NF F 16-101 and NF F 16- 102 requirement 2
- UL94V0
- EN 45545-2

\* Screws not supplied

