



### Technical Data

|                                            |                                                                                                                                                |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Connector system                           | Φ2.5mm, Φ4mm, Φ6mm                                                                                                                             |
| Rated voltage                              | 1000V DC                                                                                                                                       |
| Rated current                              | 30A(2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup> ; 14AWG, 12AWG, 10AWG)<br>45A(4mm <sup>2</sup> , 6mm <sup>2</sup> ; 12AWG, 10AWG) |
| Test voltage                               | 6kV(50Hz, 1min.)                                                                                                                               |
| Ambient temperature range                  | -40°C... +90°C(IEC) -40°C... +194°F(UL)                                                                                                        |
| Upper limiting temperature                 | +105°C(IEC)                                                                                                                                    |
| Degree of protection, mated                | IP67                                                                                                                                           |
| Unmated                                    | IP2X                                                                                                                                           |
| Contact resistance of plug connectors      | 0.5mΩ                                                                                                                                          |
| Safety class                               | II                                                                                                                                             |
| Contact material                           | Messing, verzinkt Copper Alloy, tin plated                                                                                                     |
| Insulation material                        | PC/PPO                                                                                                                                         |
| Locking system                             | Snap-in                                                                                                                                        |
| Flame class                                | UL-94-V0                                                                                                                                       |
| Salt mist spray test, degree of severity 5 | IEC 60068-2-52                                                                                                                                 |

### Dimensional Drawing(mm)

