

DUOSIDA charging cable TYPE 2 | 20A | 1 - 3phase | 5 - 16,6kW | 5 - 8m

Product definition

- Standards/regulations: IEC 62196-2
- Charging standard: Type 2
- Charging mode: Mode 3
- Type of charging current: AC 1 - 3phase

Ambient conditions

- Ambient temperature (operation) -30 °C ... 50 °C
- Ambient temperature (storage/transport) -40 °C ... 80 °C
- Max. altitude 5000 m (above sea level)
- Degree of protection IP44 (plugged in)
- Degree of protection IP54 (Protective cap)

Electrical properties

- Maximum charging power 5 - 16,6kW
- Number of phases 1 - 3
- Number of power contacts 3 (L1, N, PE) - 5 (L1, L2, L3, N, PE)
- Rated current of power contacts 20 A
- Rated voltage for power contacts 250 - 480 V AC
- Number of signal contacts 2 (CP, PP)
- Rated current for signal contacts 2 A
- Rated voltage for signal contacts 30 V AC
- Type of signal transmission Pulse width modulation
- Resistor coding 220 Ω (between PE and PP)

Mechanical properties

- Insertion/withdrawal cycles > 10000
- Insertion force < 45 N
- Withdrawal force < 45 N

Material

- Housing material thermoplastic flammability rating UL94V-0
- Material connection profile Plastic
- Material protective cap Soft plastic
- Material surface of contacts Ag

Cable

- Cable structure 3 - 5 x 2,5 - 6.0 mm² + 2 x 0.5 mm² (prEN 50620, VDE Reg. 8789 class 5)
- External cable diameter 13,5 - 15,5 mm \pm 0.2 mm
- Type of conductor straight
- Outer sheath, material TPE-U
- External sheath, color black
- Minimum bending radius 255 mm (15 x diameter)

