

C. Cable Mode3Typ1/2 32A 3xAWG10 VDE7,5m



Image is for illustration purposes only. Please refer to product description.

Identification

Element	Charging cable
Specification	Straight cable
Charging mode	Mode 3
Connector 1	Type 1 Female (Vehicle side)
Connector 2	Type 2 Male (infrastructure side)

Version

Cable length	7.5 m
Core structure	3x 6 mm ² + 0.5 mm ²
Termination method	Crimp termination not seperable
Number of phases	1
Number of contacts	5
Number of signal contacts	2
Number of power contacts	3
Contact configuration	Signal: CP, PP Power: L1, N, PE
Details	Also available with customer specific logo on request.

Technical characteristics

Rated current (signal)	2 A
Rated voltage (signal)	30 V

Technical characteristics

Rated current (power)	32 A
Rated voltage (power)	250 V
Type of current	AC
Charging power	7.2 kW
Coding resistance	220 Ω between PE and PP
Ambient temperature	-30 ... +50 °C in operation -40 ... +80 °C storage/transport
Air pressure	≥ 540 hPa \approx 5000 m
Insertion force	<100 N
Withdrawal force	<100 N
Mating cycles	$\geq 10,000$
Degree of protection acc. to IEC 60529	IP44 mated condition
Cable diameter	12.8 mm ± 0.4 mm
Minimum bending radius	9x Cable diameter (repeated bending)
Conductor resistance @ 20 °C	$\leq 3.3 \Omega/\text{km} @ 6 \text{ mm}^2$ $\leq 39 \Omega/\text{km} @ 0.5 \text{ mm}^2$

Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Silver plated
Material (hood/housing)	Polyamide (PA)
Colour (hood/housing)	Black
Material (cover)	Thermoplastic polyurethane (TPU)
Material (cable)	Thermoplastic polyurethane (TPU)
Colour (cable)	Black
Material flammability class acc. to UL 94	V-0

Specifications and approvals

Specifications	IEC 62196-2 IEC 62893
Approvals	CE

Commercial data

Packaging size	1
Net weight	3.5 kg
Country of origin	Romania
European customs tariff number	85444290
GTIN	5713140277441
eCl@ss	27144705 Charging cable E-Mobility
ETIM	EC002897
UNSPSC 24.0	25175004