

# Cable Mode3 Type2 20A 3ph 5m spiral



Part number	08 91 409 0301 A0
Specification	Cable Mode3 Type2 20A 3ph 5m spiral
HARTING eCatalogue	https://b2b.harting.com/08914090301A0

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

#### Identification

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

#### Version

Cable length	5 m
Termination method	Crimp termination
Core structure	5x 2.5 mm² + 0.5 mm²
Number of phases	3
Number of contacts	7
Number of signal contacts	2
Number of power contacts	5
Contact configuration	Signal: CP, PP Power: L1, L2, L3, N, PE

# **Technical characteristics**

Rated current (signal)	2 A
Rated voltage (signal)	30 V
Rated current (power)	20 A
Rated voltage (power)	480 V

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#### Technical characteristics

Type of current	AC
Charging power	11 kW
Coding resistance	680 Ω between PE and PP
Ambient temperature	-30 +50 °C in operation -40 +80 °C storage/transport
Air pressure	≥540 hPa ≈ 5000 m
Insertion force	<100 N
Withdrawal force	<100 N
Mating cycles	≥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	≤7.98 Ω/km @ 2.5 mm² ≤39 Ω/km @ 0.5 mm²

# 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
CE	Yes
Commercial data	
Packaging size	1
Net weight	4 kg

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## Commercial data

Country of origin

Romania

European customs tariff number

eCl@ss

85444991

27144705 Charging cable E-Mobility

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