

Charging cable Mode3 Typ2 32A 3ph 5m



Part number	08 91 409 0109 A0
Specification	Charging cable Mode3 Typ2 32A 3ph 5m
HARTING eCatalogue	https://b2b.harting.com/08914090109A0

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

Identification

Element	Charging cable
Specification	Straight
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 6 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
Details	Also available with customer specific logo on request.

Technical characteristics

Rated current (signal)	2 A
Rated voltage (signal)	30 V
Rated current (power)	32 A

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Technical characteristics

Rated voltage (power)	480 V
Type of current	AC
Charging power	22 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 ≈ 5000 m
Insertion force	<100 N
Withdrawal force	<100 N
Mating cycles	≥10,000
Degree of protection acc. to IEC 60529	IP44
Cable diameter	16.5 mm ± 0.3 mm
Minimum bending radius	9x Cable diameter (repeated bending)
Conductor resistance @ 20 °C	≤3.3 Ω/km @ 6 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)	TPE-U
Colour (cable)	Black
Material flammability class acc. to UL 94	V-0

Specifications and approvals

Specifications	IEC 62196-2 IEC 62893
Approvals	VDE
Commercial data	
Packaging size	1

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Commercial data

Net weight

Country of origin

3 kg Romania

European customs tariff number

eCl@ss

85444991

27144705 Charging cable E-Mobility

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