

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



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Part number	08 91 409 0202 A0
Specification	C. Cable Mode3Typ1/2 32A 3xAWG10 VDE 5m
HARTING eCatalogue	https://b2b.harting.com/08914090202A0

Identification

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

Version

Cable length	5 m
Termination method	Crimp termination
Core structure	3x 6 mm ² + 0.5 mm ²
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
Rated current (power)	32 A



Pushing Performance

Technical characteristics

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 ≈ 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 \pm 0.4 mm
Minimum bending radius	9x Cable diameter (repeated bending)
Conductor resistance @ 20 °C	≤ 3.3 Ω /km @ 6 mm ² ≤ 39 Ω /km @ 0.5 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
CE	Yes

Commercial data

Packaging size	1
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Pushing Performance

Commercial data

Net weight	2.55 kg
Country of origin	Romania
European customs tariff number	85444290
eCl@ss	27144705 Charging cable E-Mobility

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