

## Charging cable Mode3 Typ2 32A 3ph 10m



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

Part number	08 91 409 0112 A0
Specification	Charging cable Mode3 Typ2 32A 3ph 10m
HARTING eCatalogue	<a href="https://b2b.harting.com/08914090112A0">https://b2b.harting.com/08914090112A0</a>

### 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	10 m
Termination method	Crimp termination
Core structure	5x 6 mm <sup>2</sup> + 0.5 mm <sup>2</sup>
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



Pushing Performance

## Technical characteristics

Rated voltage (power)	480 V
Type of current	AC
Charging power	22 kW
Coding resistance	220 $\Omega$ between PE and PP
Ambient temperature	-30 ... +50 °C in operation -40 ... +80 °C storage/transport
Air pressure	$\geq 540$ 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	16.5 mm $\pm$ 0.3 mm
Minimum bending radius	9x Cable diameter (repeated bending)
Conductor resistance @ 20 °C	$\leq 3.3$ $\Omega$ /km @ 6 mm <sup>2</sup> $\leq 39$ $\Omega$ /km @ 0.5 mm <sup>2</sup>

## 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
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes



Pushing Performance

## Material properties

REACH SVHC substances	Lead
-----------------------	------

California Proposition 65 substances	Yes
--------------------------------------	-----

California Proposition 65 substances	Lead
--------------------------------------	------

## Specifications and approvals

Specifications	IEC 62196-2
	IEC 62893

CE	Yes
----	-----

## Commercial data

Packaging size	1
----------------	---

Net weight	5.89 kg
------------	---------

Country of origin	Romania
-------------------	---------

European customs tariff number	85444991
--------------------------------	----------

eCl@ss	27144705 Charging cable E-Mobility
--------	------------------------------------