

## Charging cable Mode3 Typ2 32A 1ph 7,5m



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

|                    |   |
|--------------------|---|
| Part number        | 08 91 409 0108 A0   |
| Specification      | Charging cable Mode3 Typ2 32A 1ph 7,5m  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/08914090108A0">https://b2b.harting.com/08914090108A0</a> |

### Identification

|               |                                      |
|---------------|--------------------------------------|
| Element       | Charging cable                       |
| Specification | Straight                             |
| Charging mode | Mode 3                               |
| Connector 1   | Type 2<br>Female (Vehicle side)      |
| Connector 2   | Type 2<br>Male (infrastructure side) |

### Version

|                           |  |
|---------------------------|--|
| Cable length              | 7.5 m  |
| Termination method        | Crimp termination                                      |
| Core structure            | 3x 6 mm <sup>2</sup> + 0.5 mm <sup>2</sup>             |
| Number of phases          | 1  |
| Number of contacts        | 5  |
| Number of signal contacts | 2  |
| Number of power contacts  | 3  |
| Contact configuration     | Signal: CP, PP<br>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                         | 7.4 kW  |
| Coding resistance                      | 220 Ω between PE and PP   |
| Ambient temperature                    | -30 ... +50 °C in operation<br>-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           | ≤3.3 Ω/km @ 6 mm <sup>2</sup><br>≤39 Ω/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               | No   |
| REACH ANNEX XIV substances                | No   |
| 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<br>IEC 62893 |
| CE             | Yes                      |

## Commercial data

|                                |                                    |
|--------------------------------|------------------------------------|
| Packaging size                 | 1                                  |
| Net weight                     | 2.869 kg                           |
| Country of origin              | Romania                            |
| European customs tariff number | 85444991                           |
| eCl@ss                         | 27144705 Charging cable E-Mobility |