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Charging cable Mode3 Typ2 32A 1ph 2,5m



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

Part number	08 91 409 0116 A0
Specification	Charging cable Mode3 Typ2 32A 1ph 2,5m
HARTING eCatalogue	https://harting.com/08914090116A0

Identification

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

Version

Cable length	2.5 m
Core structure	3x 6 mm² + 0.5 mm²
Termination method	Crimp termination not seperable
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

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Technical characteristics

Rated current (power)	32 A
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 -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 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
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

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Material properties

REACH SVHC substances	Yes
REACH SVHC substances	Lead Triphenyl phosphate
ECHA SCIP number	6adcd9d7-f5a6-43f9-a51d-c365463ba869
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead

Specifications and approvals

Specifications	IEC 62196-2 IEC 62893
Approvals	CE

Commercial data

Packaging size	1
Net weight	1,459 g
Country of origin	Romania
European customs tariff number	85444290
GTIN	5713140162587
eCl@ss	27144705 Charging cable E-Mobility
ETIM	EC002897
UNSPSC 24.0	25175004

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