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Charging cable Mode3 Typ2 20A 3ph 5m

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

Part number	08 91 409 0105 A0
Specification	Charging cable Mode3 Typ2 20A 3ph 5m
HARTING eCatalogue	https://b2b.harting.com/08914090105A0

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
Core structure	5x 2.5 mm² + 0.5 mm²
Termination method	Crimp termination
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)	20 A

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Technical characteristics

Rated voltage (power)	480 V
Type of current	AC
Charging power	11 kW
Coding resistance	680 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	≤7.98 Ω/km @ 2.5 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
REACH SVHC substances	Yes

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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	1.925 kg
Country of origin	Romania
European customs tariff number	85444290
GTIN	5713140162549
eCl@ss	27144705 Charging cable E-Mobility