Pushing Performance

Charging cable Mode3 Typ2 32A 3ph 2,5m



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

Part number	08 91 409 0115 A0
Specification	Charging cable Mode3 Typ2 32A 3ph 2,5m
HARTING eCatalogue	https://b2b.harting.com/08914090115A0

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	2.5 m
Termination method	Crimp termination
Core structure	5x 6 mm² + 0.5 mm²
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

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Technical characteristics

Rated voltage (power)	480 V
Type of current	AC
Charging power	22 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
Cable diameter	16.5 mm ± 0.3 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)	TPE-U
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

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Material properties

REACH SVHC substances	Lead

Specifications and approvals

Specifications	IEC 62196-2 IEC 62893
Approvals	VDE

Commercial data

Packaging size	1
Net weight	2 kg
Country of origin	Romania
European customs tariff number	85444991
eCl@ss	27144705 Charging cable E-Mobility