

Charg.c.Mode3 22KW Type2 G2 32A 3ph 7,5m



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

Part number	08 91 409 0102 B0
Specification	Charg.c.Mode3 22KW Type2 G2 32A 3ph 7,5m
HARTING eCatalogue	https://harting.com/08914090102B0

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	7.5 m
Core structure	5x 4 mm ² + 0.5 mm ²
Termination method	Crimp termination not seperable
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



Pushing Performance
 Since 1945

Technical characteristics

Rated current (power)	32 A
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 mated condition
Cable diameter	14.55 mm ± 0.35 mm
Minimum bending radius	9x Cable diameter (repeated bending)
Conductor resistance @ 20 °C	≤4.14 Ω/km @ 4 mm ² ≤39 Ω/km @ 0.5 mm ²

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

Specifications and approvals

Specifications	IEC 62196-1
	IEC 62196-2
	IEC 61851-1
	IEC 62893



Pushing Performance
Since 1945

Specifications and approvals

Approvals	CE VDE
-----------	-----------

Commercial data

Packaging size	1
Net weight	3,240 g
Country of origin	Romania
European customs tariff number	85444290
GTIN	5713141054102
eCl@ss	27144705 Charging cable E-Mobility
ETIM	EC002897
UNSPSC 24.0	25175004