

Cable set - EV-T2M3SOW-1AC32A-0,3M6,0E - 1164343

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CHARX connect, Cable set, Cables with slip-on sleeves on one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 32 A / 250 V (AC), Single wires, length: 0.3 m, Generation 2

Product Description

Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- ✓ Protected against overheating with precise temperature measurement
- ✓ Flexible mounting and easy maintenance with plug-in cables
- ✓ Available with your logo on request – for consistent branding of your charging station
- ✓ Waterproof and dirtproof due to fully molded contacts
- ✓ Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- ✓ Uniform, space-saving installation space

Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 177744
GTIN	4063151177744
Custom tariff number	85444290
Country of origin	Germany

Technical data

Product definition

Type	Cables with slip-on sleeves on one end
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Cable set - EV-T2M3SOW-1AC32A-0,3M6,0E - 1164343

Technical data

Product definition

Application	Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact
Design	Generation 2
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3, Case B
Note on the connection method	Plug-in connection, separable

Dimensions

Height	3.3 mm
Width	7.3 mm
Depth	7.3 mm
Conductor length	0.3 m
	AC cables
Cable structure	3 x 6.0 mm ² + 2 x 0.5 mm ²
Type of conductor	Single wires

Single wires

Individual wire L1	BN
Individual wire N	BU
Individual wire PE	YE/GN
Individual wire CP	WH
Individual wire PP	RD

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)

Electrical properties

Charging power (nominal operation)	7 kW
Type of charging current	AC single-phase
Number of phases	1
Number of power contacts	3 (L1, N, PE)
Rated current of power contacts	32 A AC
Rated voltage for power contacts	250 V AC
Number of signal contacts	2 (CP, PP)
Rated current for signal contacts	2 A
Rated voltage for signal contacts	30 V AC
Note on the connection method	Plug-in connection, separable

Cable set - EV-T2M3SOW-1AC32A-0,3M6,0E - 1164343

Technical data

Mechanical properties

Insertion/withdrawal cycles	< 3
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Design

Design line	Generation 2
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Material

Material surface of contacts	Ag
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27144792
eCl@ss 11.0	27144792
eCl@ss 9.0	27144792

ETIM

ETIM 7.0	EC002884
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Cable set - EV-T2M3SOW-1AC32A-0,7M6,0E - 1164344

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CHARX connect, Cable set, Cables with slip-on sleeves on one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 32 A / 250 V (AC), Single wires, length: 0.7 m, Generation 2

Product Description

Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- ✓ Protected against overheating with precise temperature measurement
- ✓ Flexible mounting and easy maintenance with plug-in cables
- ✓ Available with your logo on request – for consistent branding of your charging station
- ✓ Waterproof and dirtproof due to fully molded contacts
- ✓ Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- ✓ Uniform, space-saving installation space



Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 177645
GTIN	4063151177645
Custom tariff number	85444290
Country of origin	Germany

Technical data

Product definition

Type	Cables with slip-on sleeves on one end
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Cable set - EV-T2M3SOW-1AC32A-0,7M6,0E - 1164344

Technical data

Product definition

Application	Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact
Design	Generation 2
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3, Case B
Note on the connection method	Plug-in connection, separable

Dimensions

Height	3.3 mm
Width	7.3 mm
Depth	7.3 mm
Conductor length	0.7 m
	AC cables
Cable structure	3 x 6.0 mm ² + 2 x 0.5 mm ²
Type of conductor	Single wires

Single wires

Individual wire L1	BN
Individual wire N	BU
Individual wire PE	YE/GN
Individual wire CP	WH
Individual wire PP	RD

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)

Electrical properties

Charging power (nominal operation)	7 kW
Type of charging current	AC single-phase
Number of phases	1
Number of power contacts	3 (L1, N, PE)
Rated current of power contacts	32 A AC
Rated voltage for power contacts	250 V AC
Number of signal contacts	2 (CP, PP)
Rated current for signal contacts	2 A
Rated voltage for signal contacts	30 V AC
Note on the connection method	Plug-in connection, separable

Cable set - EV-T2M3SOW-1AC32A-0,7M6,0E - 1164344

Technical data

Mechanical properties

Insertion/withdrawal cycles	< 3
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Design

Design line	Generation 2
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Material

Material surface of contacts	Ag
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27144792
eCl@ss 11.0	27144792
eCl@ss 9.0	27144792

ETIM

ETIM 7.0	EC002884
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Cable set - EV-T2M3SOW-1AC32A-1,5M6,0E - 1322610

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CHARX connect, Cable set, Cables with slip-on sleeves on one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 32 A / 250 V (AC), Single wires, length: 1.5 m, Generation 2


Product Description

Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- ✓ Protected against overheating with precise temperature measurement
- ✓ Flexible mounting and easy maintenance with plug-in cables
- ✓ Available with your logo on request – for consistent branding of your charging station
- ✓ Waterproof and dirtproof due to fully molded contacts
- ✓ Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- ✓ Uniform, space-saving installation space

Key Commercial Data

Packing unit	1
GTIN	 4 063151 674496
GTIN	4063151674496
Custom tariff number	85444290

Technical data

Product definition

Type	Cables with slip-on sleeves on one end
Application	Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact
Design	Generation 2
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3, Case B

Cable set - EV-T2M3SOW-1AC32A-1,5M6,0E - 1322610

Technical data

Product definition

Note on the connection method	Plug-in connection, separable
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Dimensions

Height	3.3 mm
Width	7.3 mm
Depth	7.3 mm
Conductor length	1.5 m
	AC cables
Cable structure	3 x 6.0 mm ² + 2 x 0.5 mm ²
Type of conductor	Single wires

Single wires

Individual wire L1	BN
Individual wire N	BU
Individual wire PE	YE/GN
Individual wire CP	WH
Individual wire PP	RD

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)

Electrical properties

Charging power (nominal operation)	7 kW
Type of charging current	AC single-phase
Number of phases	1
Number of power contacts	3 (L1, N, PE)
Rated current of power contacts	32 A AC
Rated voltage for power contacts	250 V AC
Number of signal contacts	2 (CP, PP)
Rated current for signal contacts	2 A
Rated voltage for signal contacts	30 V AC
Note on the connection method	Plug-in connection, separable

Mechanical properties

Insertion/withdrawal cycles	< 3
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Design

Design line	Generation 2
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Cable set - EV-T2M3SOW-1AC32A-1,5M6,0E - 1322610

Technical data

Material

Material surface of contacts	Ag
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 11.0	27144792
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ETIM

ETIM 7.0	EC002884
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Cable set - EV-T2M3SOW-3AC20A-0,3M2,5E - 1164355

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CHARX connect, Cable set, Cables with slip-on sleeves on one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 20 A / 480 V (AC), Single wires, length: 0.3 m, Generation 2


Product Description

Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- ✓ Protected against overheating with precise temperature measurement
- ✓ Flexible mounting and easy maintenance with plug-in cables
- ✓ Available with your logo on request – for consistent branding of your charging station
- ✓ Waterproof and dirtproof due to fully molded contacts
- ✓ Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- ✓ Uniform, space-saving installation space

Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 176785
GTIN	4063151176785
Custom tariff number	85444290
Country of origin	Germany

Technical data

Product definition

Type	Cables with slip-on sleeves on one end
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Cable set - EV-T2M3SOW-3AC20A-0,3M2,5E - 1164355

Technical data

Product definition

Application	Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact
Design	Generation 2
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3, Case B
Note on the connection method	Plug-in connection, separable

Dimensions

Height	3.3 mm
Width	7.3 mm
Depth	7.3 mm
Conductor length	0.3 m
	AC cables
Cable structure	5 x 2.5 mm ² + 2 x 0.5 mm ²
Type of conductor	Single wires

Single wires

Individual wire L1	BN
Individual wire L2	BK
Individual wire L3	GY
Individual wire N	BU
Individual wire PE	YE/GN
Individual wire CP	WH
Individual wire PP	RD

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)

Electrical properties

Charging power (nominal operation)	11 kW
Type of charging current	AC 3-phase
Number of phases	3
Number of power contacts	5 (L1, L2, L3, N, PE)
Rated current of power contacts	20 A AC
Rated voltage for power contacts	480 V AC
Number of signal contacts	2 (CP, PP)
Rated current for signal contacts	2 A

Cable set - EV-T2M3SOW-3AC20A-0,3M2,5E - 1164355

Technical data

Electrical properties

Rated voltage for signal contacts	30 V AC
Note on the connection method	Plug-in connection, separable

Mechanical properties

Insertion/withdrawal cycles	< 3
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Design

Design line	Generation 2
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Material

Material surface of contacts	Ag
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27144792
eCl@ss 11.0	27144792
eCl@ss 9.0	27144792

ETIM

ETIM 7.0	EC002884
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Cable set - EV-T2M3SOW-3AC20A-0,7M2,5E - 1164361

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CHARX connect, Cable set, Cables with slip-on sleeves on one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 20 A / 480 V (AC), Single wires, length: 0.7 m, Generation 2

Product Description

Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- ✓ Protected against overheating with precise temperature measurement
- ✓ Flexible mounting and easy maintenance with plug-in cables
- ✓ Available with your logo on request – for consistent branding of your charging station
- ✓ Waterproof and dirtproof due to fully molded contacts
- ✓ Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- ✓ Uniform, space-saving installation space

Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 177348
GTIN	4063151177348
Custom tariff number	85444290
Country of origin	Germany

Technical data

Product definition

Type	Cables with slip-on sleeves on one end
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Cable set - EV-T2M3SOW-3AC20A-0,7M2,5E - 1164361

Technical data

Product definition

Application	Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact
Design	Generation 2
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3, Case B
Note on the connection method	Plug-in connection, separable

Dimensions

Height	3.3 mm
Width	7.3 mm
Depth	7.3 mm
Conductor length	0.7 m
	AC cables
Cable structure	5 x 2.5 mm ² + 2 x 0.5 mm ²
Type of conductor	Single wires

Single wires

Individual wire L1	BN
Individual wire L2	BK
Individual wire L3	GY
Individual wire N	BU
Individual wire PE	YE/GN
Individual wire CP	WH
Individual wire PP	RD

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)

Electrical properties

Charging power (nominal operation)	11 kW
Type of charging current	AC 3-phase
Number of phases	3
Number of power contacts	5 (L1, L2, L3, N, PE)
Rated current of power contacts	20 A AC
Rated voltage for power contacts	480 V AC
Number of signal contacts	2 (CP, PP)
Rated current for signal contacts	2 A

Cable set - EV-T2M3SOW-3AC20A-0,7M2,5E - 1164361

Technical data

Electrical properties

Rated voltage for signal contacts	30 V AC
Note on the connection method	Plug-in connection, separable

Mechanical properties

Insertion/withdrawal cycles	< 3
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Design

Design line	Generation 2
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Material

Material surface of contacts	Ag
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27144792
eCl@ss 11.0	27144792
eCl@ss 9.0	27144792

ETIM

ETIM 7.0	EC002884
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Cable set - EV-T2M3SOW-3AC32A-0,3M6,0E - 1164362

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CHARX connect, Cable set, Cables with slip-on sleeves on one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 32 A / 480 V (AC), Single wires, length: 0.3 m, Generation 2

Product Description


Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- ✓ Protected against overheating with precise temperature measurement
- ✓ Flexible mounting and easy maintenance with plug-in cables
- ✓ Available with your logo on request – for consistent branding of your charging station
- ✓ Waterproof and dirtproof due to fully molded contacts
- ✓ Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- ✓ Uniform, space-saving installation space



Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 177355
GTIN	4063151177355
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Product definition

Type	Cables with slip-on sleeves on one end
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Cable set - EV-T2M3SOW-3AC32A-0,3M6,0E - 1164362

Technical data

Product definition

Application	Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact
Design	Generation 2
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3, Case B
Note on the connection method	Plug-in connection, separable

Dimensions

Height	3.3 mm
Width	7.3 mm
Depth	7.3 mm
Conductor length	0.3 m
	AC cables
Cable structure	5 x 6.0 mm ² + 2 x 0.5 mm ²
Type of conductor	Single wires

Single wires

Individual wire L1	BN
Individual wire L2	BK
Individual wire L3	GY
Individual wire N	BU
Individual wire PE	YE/GN
Individual wire CP	WH
Individual wire PP	RD

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)

Electrical properties

Charging power (nominal operation)	22 kW
Type of charging current	AC 3-phase
Number of phases	3
Number of power contacts	5 (L1, L2, L3, N, PE)
Rated current of power contacts	32 A AC
Rated voltage for power contacts	480 V AC
Number of signal contacts	2 (CP, PP)
Rated current for signal contacts	2 A

Cable set - EV-T2M3SOW-3AC32A-0,3M6,0E - 1164362

Technical data

Electrical properties

Rated voltage for signal contacts	30 V AC
Note on the connection method	Plug-in connection, separable

Mechanical properties

Insertion/withdrawal cycles	< 3
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Design

Design line	Generation 2
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Material

Material surface of contacts	Ag
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27144792
eCl@ss 11.0	27144792
eCl@ss 9.0	27144792

ETIM

ETIM 7.0	EC002884
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Cable set - EV-T2M3SOW-3AC32A-0,7M6,0E - 1164365

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CHARX connect, Cable set, Cables with slip-on sleeves on one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 32 A / 480 V (AC), Single wires, length: 0.7 m, Generation 2

Product Description

Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- ✓ Protected against overheating with precise temperature measurement
- ✓ Flexible mounting and easy maintenance with plug-in cables
- ✓ Available with your logo on request – for consistent branding of your charging station
- ✓ Waterproof and dirtproof due to fully molded contacts
- ✓ Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- ✓ Uniform, space-saving installation space

Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 176068
GTIN	4063151176068
Custom tariff number	85444290
Country of origin	Germany

Technical data

Product definition

Type	Cables with slip-on sleeves on one end
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Cable set - EV-T2M3SOW-3AC32A-0,7M6,0E - 1164365

Technical data

Product definition

Application	Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact
Design	Generation 2
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3, Case B
Note on the connection method	Plug-in connection, separable

Dimensions

Height	3.3 mm
Width	7.3 mm
Depth	7.3 mm
Conductor length	0.7 m
	AC cables
Cable structure	5 x 6.0 mm ² + 2 x 0.5 mm ²
Type of conductor	Single wires

Single wires

Individual wire L1	BN
Individual wire L2	BK
Individual wire L3	GY
Individual wire N	BU
Individual wire PE	YE/GN
Individual wire CP	WH
Individual wire PP	RD

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)

Electrical properties

Charging power (nominal operation)	22 kW
Type of charging current	AC 3-phase
Number of phases	3
Number of power contacts	5 (L1, L2, L3, N, PE)
Rated current of power contacts	32 A AC
Rated voltage for power contacts	480 V AC
Number of signal contacts	2 (CP, PP)
Rated current for signal contacts	2 A

Cable set - EV-T2M3SOW-3AC32A-0,7M6,0E - 1164365

Technical data

Electrical properties

Rated voltage for signal contacts	30 V AC
Note on the connection method	Plug-in connection, separable

Mechanical properties

Insertion/withdrawal cycles	< 3
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Design

Design line	Generation 2
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Material

Material surface of contacts	Ag
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27144792
eCl@ss 11.0	27144792
eCl@ss 9.0	27144792

ETIM

ETIM 7.0	EC002884
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Cable set - EV-T2M3SOW-3AC32A-1,0M6,0E - 1335117

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CHARX connect, Cable set, Cables with slip-on sleeves on one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 32 A / 480 V (AC), Single wires, length: 1 m, Generation 2


Product Description

Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- ✓ Protected against overheating with precise temperature measurement
- ✓ Flexible mounting and easy maintenance with plug-in cables
- ✓ Available with your logo on request – for consistent branding of your charging station
- ✓ Waterproof and dirtproof due to fully molded contacts
- ✓ Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- ✓ Uniform, space-saving installation space

Key Commercial Data

Packing unit	1
GTIN	 4 063151 635411
GTIN	4063151635411
Custom tariff number	85444290

Technical data

Product definition

Type	Cables with slip-on sleeves on one end
Application	Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact
Design	Generation 2
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3, Case B

Cable set - EV-T2M3SOW-3AC32A-1,0M6,0E - 1335117

Technical data

Product definition

Note on the connection method	Plug-in connection, separable
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Dimensions

Height	3.3 mm
Width	7.3 mm
Depth	7.3 mm
Conductor length	1 m
	AC cables
Cable structure	5 x 6.0 mm ² + 2 x 0.5 mm ²
Type of conductor	Single wires

Single wires

Individual wire L1	BN
Individual wire L2	BK
Individual wire L3	GY
Individual wire N	BU
Individual wire PE	YE/GN
Individual wire CP	WH
Individual wire PP	RD

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)

Electrical properties

Charging power (nominal operation)	22 kW
Type of charging current	AC 3-phase
Number of phases	3
Number of power contacts	5 (L1, L2, L3, N, PE)
Rated current of power contacts	32 A AC
Rated voltage for power contacts	480 V AC
Number of signal contacts	2 (CP, PP)
Rated current for signal contacts	2 A
Rated voltage for signal contacts	30 V AC
Note on the connection method	Plug-in connection, separable

Mechanical properties

Insertion/withdrawal cycles	< 3
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Design

Cable set - EV-T2M3SOW-3AC32A-1,0M6,0E - 1335117

Technical data

Design

Design line	Generation 2
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Material

Material surface of contacts	Ag
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 11.0	27144792
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ETIM

ETIM 7.0	EC002884
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Cable set - EV-T2M3SOW-3AC32A-1,5M6,0E - 1300177

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CHARX connect, Cable set, Cables with slip-on sleeves on one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 32 A / 480 V (AC), Single wires, length: 1.5 m, Generation 2


Product Description

Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- ✓ Protected against overheating with precise temperature measurement
- ✓ Flexible mounting and easy maintenance with plug-in cables
- ✓ Available with your logo on request – for consistent branding of your charging station
- ✓ Waterproof and dirtproof due to fully molded contacts
- ✓ Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- ✓ Uniform, space-saving installation space

Key Commercial Data

Packing unit	1
GTIN	 4 063151 543877
GTIN	4063151543877
Custom tariff number	85444290

Technical data

Product definition

Type	Cables with slip-on sleeves on one end
Application	Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact
Design	Generation 2
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3, Case B

Cable set - EV-T2M3SOW-3AC32A-1,5M6,0E - 1300177

Technical data

Product definition

Note on the connection method	Plug-in connection, separable
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Dimensions

Height	3.3 mm
Width	7.3 mm
Depth	7.3 mm
Conductor length	1.5 m
	AC cables
Cable structure	5 x 6.0 mm ² + 2 x 0.5 mm ²
Type of conductor	Single wires

Single wires

Individual wire L1	BN
Individual wire L2	BK
Individual wire L3	GY
Individual wire N	BU
Individual wire PE	YE/GN
Individual wire CP	WH
Individual wire PP	RD

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)

Electrical properties

Charging power (nominal operation)	22 kW
Type of charging current	AC 3-phase
Number of phases	3
Number of power contacts	5 (L1, L2, L3, N, PE)
Rated current of power contacts	32 A AC
Rated voltage for power contacts	480 V AC
Number of signal contacts	2 (CP, PP)
Rated current for signal contacts	2 A
Rated voltage for signal contacts	30 V AC
Note on the connection method	Plug-in connection, separable

Mechanical properties

Insertion/withdrawal cycles	< 3
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Design

Cable set - EV-T2M3SOW-3AC32A-1,5M6,0E - 1300177

Technical data

Design

Design line	Generation 2
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Material

Material surface of contacts	Ag
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 11.0	27144792
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ETIM

ETIM 7.0	EC002884
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Cable set - EV-T2M3SOW-3AC32A-2,0M6,0E - 1359740

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CHARX connect, Cable set, Cables with slip-on sleeves on one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 32 A / 480 V (AC), Single wires, length: 2 m, Generation 2


Product Description

Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- Protected against overheating with precise temperature measurement
- Flexible mounting and easy maintenance with plug-in cables
- Available with your logo on request – for consistent branding of your charging station
- Waterproof and dirtproof due to fully molded contacts
- Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- Uniform, space-saving installation space

Key Commercial Data

Packing unit	1
GTIN	 4 063151 689698
GTIN	4063151689698
Custom tariff number	85444290

Technical data

Product definition

Type	Cables with slip-on sleeves on one end
Application	Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact
Design	Generation 2
Standards/regulations	IEC 62196-2
Charging standard	Type 2
Charging mode	Mode 3, Case B

Cable set - EV-T2M3SOW-3AC32A-2,0M6,0E - 1359740

Technical data

Product definition

Note on the connection method	Plug-in connection, separable
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Dimensions

Height	3.3 mm
Width	7.3 mm
Depth	7.3 mm
Conductor length	2 m
	AC cables
Cable structure	5 x 6.0 mm ² + 2 x 0.5 mm ²
Type of conductor	Single wires

Single wires

Individual wire L1	BN
Individual wire L2	BK
Individual wire L3	GY
Individual wire N	BU
Individual wire PE	YE/GN
Individual wire CP	WH
Individual wire PP	RD

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)

Electrical properties

Charging power (nominal operation)	22 kW
Type of charging current	AC 3-phase
Number of phases	3
Number of power contacts	5 (L1, L2, L3, N, PE)
Rated current of power contacts	32 A AC
Rated voltage for power contacts	480 V AC
Number of signal contacts	2 (CP, PP)
Rated current for signal contacts	2 A
Rated voltage for signal contacts	30 V AC
Note on the connection method	Plug-in connection, separable

Mechanical properties

Insertion/withdrawal cycles	< 3
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Design

Cable set - EV-T2M3SOW-3AC32A-2,0M6,0E - 1359740

Technical data

Design

Design line	Generation 2
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Material

Material surface of contacts	Ag
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 11.0	27144792
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