

E-Mobility Connectivity



Typecode

Infrastructure charging cables

Product

Performance

Wire

Specific

EV - T2 M4 CC - DC 125A - 5,0M 50 E S BK 0 0 P

Electric Vehicle	EV
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Charging standard	
Type 1	T1
Type 2	T2
GB/T	GB
Type 1 & Type 2	TA
Type 2 & GB/T	TB
GB/T & Type 2	TC
Type 1 & GB/T	TD

Charging mode Design Handlebar	
Mode 3	M3
Mode 4	M4
Level 2	L2

Charging mode Design New	
Mode 3	G3
Mode 4	G4
Level 2	G2
HPC (High Power Charging)	HP

Type of current	
AC 1Phase	1AC
AC 3Phase	3AC
DC	DC

Heads of the cable	
Plug	P
Connector	C
Key-Connector	K
Key-Plug	J
Plug & Connector	PC
Plug & Key-Connector	PK
Key-Plug & Key-Connector	JK
CCS Connector	CC

Performance	
13 Ampere	13A
16 Ampere	16A
20 Ampere	20A
30 Ampere	30A
32 Ampere	32A
40 Ampere	40A
63 Ampere	63A
70 Ampere	70A
80 Ampere	80A
125 Ampere	125A
200 Ampere	200A
250 Ampere	250A
350 Ampere	350A
400 Ampere	400A
500 Ampere	500A

Cable length	
0,2 Meter	0,2M
1,0 Meter	1,0M
1,5 Meter	1,5M
2,0 Meter	2,0M
2,5 Meter	2,5M
3,0 Meter	3,0M
4,0 Meter	4,0M
4,5 Meter	4,5M
5,0 Meter	5,0M
6,0 Meter	6,0M
2,5 feet	2,5F
5,0 feet	5,0F
8,0 feet	8,0F
10,0 feet	10F
13,0 feet	13F
No cable	N

Cross section	
2,5 mm ²	2,5
6,0 mm ²	6,0
10 mm ²	10
16 mm ²	16
25 mm ²	25
35 mm ²	35
50 mm ²	50
70 mm ²	70
18 AWG	18
10 AWG	10
8 AWG	8
6 AWG	6

Measurement unit for cable	
AWG (America)	A
Metric (Europe)	E
Metric (Japan) conform to PSE	J
Metric (China) conform to CQC	C

Cable style	
Helix	H
Straight	S
Cooled	C

Cable color	
Black	BK
Red	RD
Orange	OG
Orange China	OC
Grey	GY

2 nd part component color & label	
Grey + label area	0
Black + label area	1
Grey + blank brand label area	2
Black + blank brand label area	3
Grey + without label area	4
Black + without label area	5
No specific	

Optional Specific	
AC connector with temperature sensor ¹⁾	T
Unprotected (without dust cap)	U
With parking position	P
With straight HPC panel feed-through	S
With left inclined HPC panel feed-through	L
With right inclined HPC panel feed-through	R
No specific	

Mating face color ²⁾	
Grey	0
Black	1



¹⁾ DC connectors always contains temperature sensors.
²⁾ Standard articles of CCS 2 connectors handlebar design are with black mating face.

Typecode

Infrastructure socket outlets

Product

Performance

Wire

Specific

EV - T2 M3 SE12 - 3AC 32A - 0,7M 6,0 E 1 0 T

Electric Vehicle	EV
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Charging standard	
Type 2	T2
GB/T	GB

Charging mode	
Mode 3	M3

Type of current	
AC 1Phase	1AC
AC 3Phase	3AC

Performance	
20 Ampere	20A
32 Ampere	32A
63 Ampere	63A

Cable length	
0,2 Meter	0,2M
0,7 Meter	0,7M
1,0 Meter	1,0M
1,5 Meter	1,5M
2,0 Meter	2,0M
2,5 Meter	2,5M
3,0 Meter	3,0M
4,0 Meter	4,0M
4,5 Meter	4,5M
5,0 Meter	5,0M
6,0 Meter	6,0M
No cable	N

Cross section	
2,5 mm ²	2,5
6,0 mm ²	6,0
10 mm ²	10
16 mm ²	16
25 mm ²	25
Measurement unit for cable	
AWG (America)	A
Metric (Europe)	E

Type of product	
Socket outlet without E-Lock	S
Socket outlet with 4 pole 12 V E-Lock	SE12
Socket outlet with 4 pole 24 V E-Lock	SE24
Socket outlet with 3 pole 12 V E-Lock	SL12
Socket outlet with 3 pole 24 V E-Lock	SL24
Socket outlet mounting frame	SF
Socket outlet self-closing hinged cover	SC
Socket outlet self-opening hinged cover	SCO

Optional Specific	
Rear cover mounting	0
Rear splash water protected	1
Front cover mounting (Easy Mount)	2
Front cover mounting & optimized insertion and withdrawal forces (Easy Mount)	4
Rear cover mounting & optimized insertion and withdrawal forces	5

Optional Specific	
With temperature sensor	T
No specific	

Actuator mounted	
Not mounted	0
0° mounted (top)	1
90° mounted (right)	2
120° mounted	3
180° mounted (bottom)	4
240° mounted	5
270° mounted (left)	6



Typecode

Infrastructure charging technology accessories

Product

Functions

Mounting

EV - T2 CCS-PARK - E12 - SW - D6,5MM - R

Electric Vehicle	EV
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Charging standard	
Type 1	T1
Type 2	T2
GB/T	GB
Type 1 & Type 2	TA
Type 2 & GB/T	TB
GB/T & Type 2	TC

Type of accessories	
AC Parking position / holder	AC-PARK
DC Parking position / holder	DC-PARK
CCS Parking position / holder	CCS-PARK
Socket outlet mounting frame	SF
Socket outlet self-closing hinged cover	SC
Socket outlet self-opening hinged cover	SCO
Socket outlet mounting frame for "easy mount cover"	SF-EM
Socket outlet self-closing hinged cover for "easy mount"	SC-EM
Socket outlet self-closing hinged cover for "easy mount"	SC-EMF
Mating face for a repair kit for CCS connectors	CCS-MF
Separate grip for more easy cable handling	GRIP
Separate fan for cooling down the HPC panel feed through	HPC-FAN

E-Lock actuator	
With 12 V E-Lock	E12
With 24 V E-Lock	E24
Without	

Screws for repair kit	
With M4X10 screws	M4X10
With M4X45 screws	M4X45

Detection of mated vehicle connector	
With integrated switch	SW
With resistance between PE and PP	PE
Without	

Content for repair kit	
With bit and contacts including temperature sensors	BIT-CTS
With bit	BIT
Without	

Mounting whole diameter	
Whole for M6 screws (6,5 mm diameter)	D6,5MM
Diameter of cable for the separate GRIP	D35,7MM
Standard whole of the article	

Mounting whole form	
Whole for hexagon head screw (reinforcement)	R
Standard whole of the article	



Typecode

Infrastructure charging technology test adapter

Product

Functions

Performance

Wire

EV - T2 CCS - CT - E12 - 1P20A125A - 2,0M

Electric Vehicle	EV
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Charging standard affiliation	
Type 1 AC	T1AC
Type 2 AC	T2AC
GB/T AC	GBAC
Type 1 DC	T1CCS
Type 2 DC	T2CCS
GB/T DC	GBDC

Type of test adapter	
Connector test adapter (similar to inlets)	CT
Socket outlet test adapter (similar to plugs)	ST
Inlet test adapter (similar to connectors)	IT

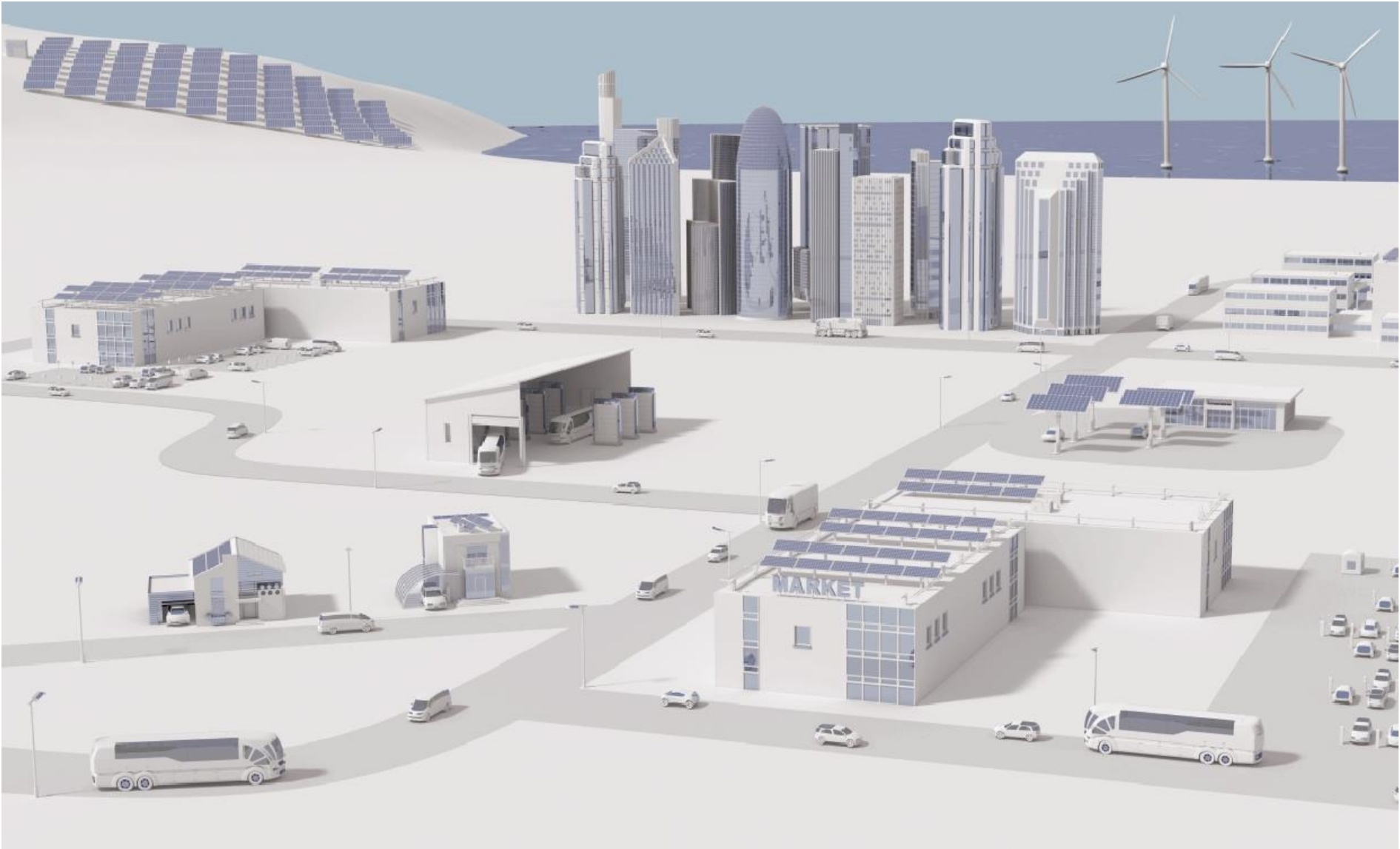
E-Lock	
With 12 V E-Lock	E12
With 24 V E-Lock	E24
Without	

Performance AC	
1-phase, 20 Ampere	1P20A
3-phase, 20 Ampere	3P20A
1-phase, 32 Ampere	1P32A
3-phase, 32 Ampere	3P32A

Performance DC	
60 Ampere	60A
125 Ampere	125A
200 Ampere	200A
250 Ampere	250A

Cable length	
0,7 Meter	0,7M
1,0 Meter	1,0M
1,5 Meter	1,5M
2,0 Meter	2,0M
2,5 Meter	2,5M
3,0 Meter	3,0M
4,0 Meter	4,0M
No cable	N

E-Mobility Control & Smart Charging



Typecode

Infrastructure charging technology sets

Product

Functions

Performance

EV - SET - T2 AC - BAS - RCM - C5MEH - 3,7

Electric Vehicle	EV
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Charging standard affiliation	
Type 1 AC	T1AC
Type 2 AC	T2AC
GB/T AC	GBAC
Type 1 DC	T1CCS
Type 2 DC	T2CCS
GB/T DC	GBDC

Application form	
BAS	"Basic" for home application (AC)
ADV	"Advanced" for semi public application (AC)
PRO	"Professional" for public application (DC)

Monitoring	
RCM	With RCM module

Type of connection	
SE12	Socket outlet including 12 V E-Lock
SE24	Socket outlet including 24 V E-Lock
C5MES	Connector with 5,0 m straight cable
C5MEH	Connector with 5,0 m helix cable

Performance	
22	22KW
11	11KW
3,7	3,7KW



Typecode

Infrastructure charge control monitoring

Product

Safety

EV - RCM - C1 - AC30 - DC6

Electric Vehicle	EV
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Residual Current Monitoring	
RCM	RCM

Measurement	
Chanel 1 x	C1
Chanel 2 x	C2

AC Residual Current	
30mA	AC30

DC Residual Current	
6mA	DC6

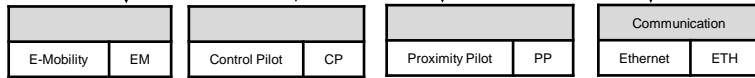


Typecode

Infrastructure charge control - Advanced

Product

EM - CP - PP - ETH

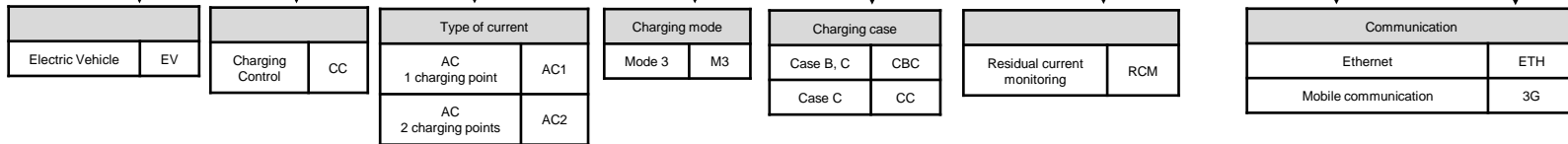


Typecode

Infrastructure charge control - Advanced plus

Product

EV - CC - AC1 - M3 - CBC - RCM - ETH - 3G



Typecode

Infrastructure charge control - Basic

Product

Specific

EV - CC - AC1 - M3 - CBC - SER - HS - XC

Electric Vehicle	EV
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Charging Control	CC
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Type of current	
AC 1 charging point	AC1
AC 2 charging points	AC2

Charging mode	
Mode 3	M3

Charging case	
Case B, C	CBC
Case C	CC

Interfase	
Serial	SER

Variant	
Printed circuit board	PCB
DIN-rail housing	HS

Specific	
Painted PCB (extended conditions)	XC
MSTB connection	MSTB
Packaging unit	25P



Typecode

Infrastructure charge control - Professional

Product

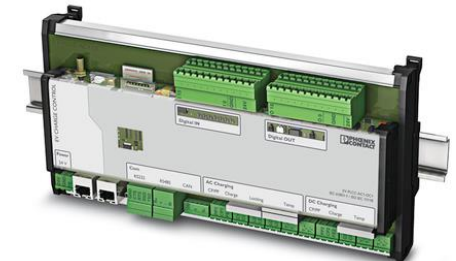
EV - PLCC - AC1 - DC1

Electric Vehicle	EV
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Programmable logic charge controller	PLCC
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AC Charging, numbers	
1 Charging point	AC1
2 Charging points	AC2

DC Charging, numbers	
1 Charging point	DC1
2 Charging points	DC2



Typecode

Infrastructure software

Product

Specific

EV - CC - S - SUITE - CP10

Electric Vehicle	
Electric Vehicle	EV

Charging Control	
Charging Control	CC

Software	
Software	S

Software name	
Charging Suite	SUITE

Charging points	
10 charging poles	CP10
30 charging poles	CP30
50 charging poles	CP50
Upgrade from 10 to 30	UPG10-30
Upgrade from 30 to 50	UPG30-50

E-Mobility Automotive



Typecode

Automotive vehicle inlets

Product

Performance

Wire Specific

EV - T2 GB IE12 - 1ACDC 20A 125A - 2,0M1

Electric Vehicle	EV
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Charging standard	
Type 1	T1
Type 2	T2
GB/T	GB

Type of vehicle inlet	
Vehicle inlet	I
Inlet E-Lock 12 V	IE12
Inlet E-Lock 24 V	IE24

Charging mode Gen 1		Charging mode Gen 2	
Mode 4	M4	Mode 4	G4
All Modes	MA	All Modes	GA
Modes 2+3+4	MB	Modes 2+3+4	GB
Modes 2+3	MC	Modes 2+3	GC
Modes 1+2+3	MD	Modes 1+2+3	GD
Modes 3+4	ME	Modes 3+4	GE
Level 2	L2	Level 2	G2

Type of current	
AC 1Phase	1AC
AC 3Phase	3AC
DC	DC
1AC/DC	1ACDC
3AC/DC	3ACDC

Performance AC	
20 Ampere	20A
30 Ampere	30A
32 Ampere	32A
63 Ampere	63A
70 Ampere	70A
80 Ampere	80A
125 Ampere	125A

Performance DC	
60 Ampere	60A
125 Ampere	125A
200 Ampere	200A
250 Ampere	250A

Cable length	
0,2 Meter	0,2M
0,7 Meter	0,7M
1,0 Meter	1,0M
1,5 Meter	1,5M
2,0 Meter	2,0M
2,5 Meter	2,5M
3,0 Meter	3,0M
4,0 Meter	4,0M
4,5 Meter	4,5M
5,0 Meter	5,0M
6,0 Meter	6,0M
7,0 Meter	7,0M
No cable	N

Actuator mounted	
Not mounted	0
0° mounted (top)	1
90° mounted (right)	2
120° mounted	3
180° mounted (bottom)	4
240° mounted	5
270° mounted (left)	6

