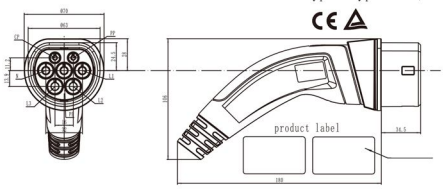
Customer name:

Type2-Type2 16A/250V AC 5m

Type II
2-IIe

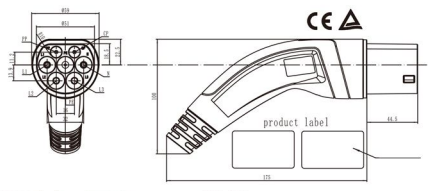


Technical parameters
Current and Voltage : 16A 250V AC
Signal current : 2A 30V
Protection Degree : IP55

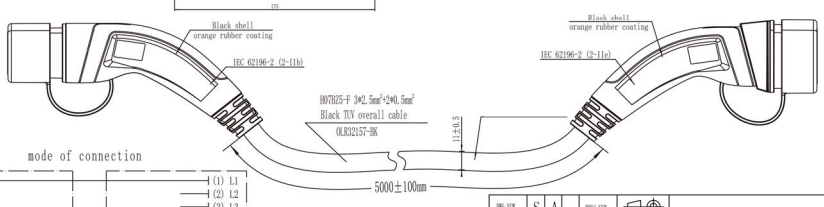
Cable specification

Function	16A 250V AC	Function
L1 (1)	2.5 mm² Brown	L1 (1)
L2 (2)		L2 (2)
L3 (3)		L3 (3)
N (4)	2.5 mm² Blue	N (4)
PE (5)	2.5 mm² Yellow-green	PE (5)
CP (6)	0.5 mm² White	CP (6)
PP (7)		PP (7)

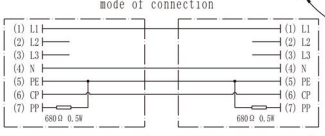
Type II
2-IIb



16A 1P+N+PE+PP+CP
Type II ,was designed according to the standard of
IEC 62196-2 2016 sheet 2-IIb/2-IIe
The static resistance is 680 ohm
Charging cable 5000mm 3*2.5mm²+2*0.5mm² Black TUV overall cable



mode of connection

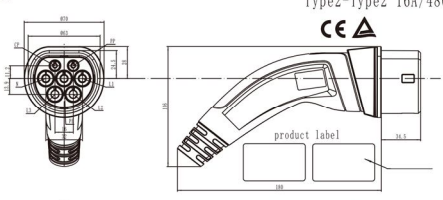


DWG. SYM	S A	PROJ. SYM			
MATL	Specifications		WEIGHT	NAME	Charging connectors
DESIGNED	DATE	CHECK	DATE	STOCHECKED	DATE	DRAW NO.	MG-IEC2-IIb/e-32P-3	SIZE	SCALE
CHECKED	DATE	PROCESS	DATE	APPROVED	DATE	PART NO.		SHEET X OF X

Customer name:

Type2-Type2 16A/480V AC 5m

Type II
2-IIe

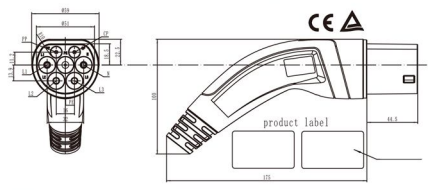


Technical parameters
Current and Voltage : 16A 480V AC
Signal current : 2A 30V
Protection Degree : IP55

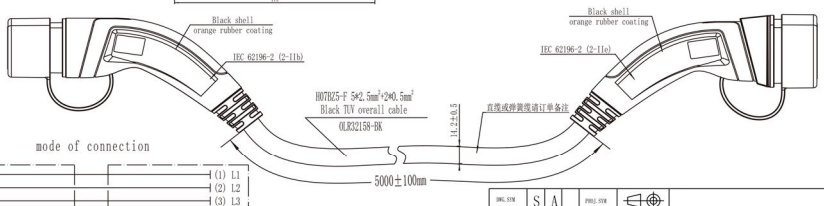
Cable specification

Function	16A 480V AC	Function
L1 (1)	2.5 mm² Brown	L1 (1)
L2 (2)	2.5 mm² Black	L2 (2)
L3 (3)	2.5 mm² Grey	L3 (3)
N (4)	2.5 mm² Blue	N (4)
PE (5)	2.5 mm² Yellow-green	PE (5)
CP (6)	0.5 mm² White	CP (6)
PP (7)		PP (7)

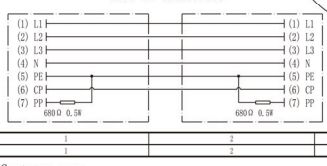
Type II
2-IIb



16A 3P+N+PE+PP+CP
Type II ,was designed according to the standard of
IEC 62196-2 2016 sheet 2-IIb/2-IIe
The static resistance is 680 ohm
Charging cable 5000mm 5*2.5mm²+2*0.5mm² Black TUV overall cable



mode of connection

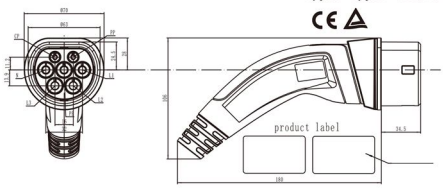


DWG. SYM	S A	PROJ. SYM			
MATL	Specifications		WEIGHT	NAME	Charging connectors
DESIGNED	DATE	CHECK	DATE	STOCHECKED	DATE	DRAW NO.	MG-IEC2-IIb/e-32P-3	SIZE	SCALE
CHECKED	DATE	PROCESS	DATE	APPROVED	DATE	PART NO.		SHEET X OF X

Customer name:

Type2-Type2 32A/250V AC 5m

Type II
2-IIe

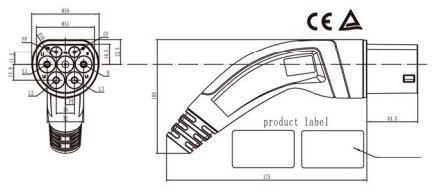


Technical parameters
Current and Voltage : 32A 250V AC
Signal current : 2A 30V
Protection Degree : IP55

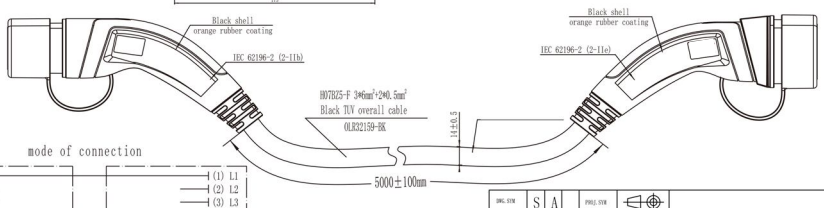
Cable specification

Function	32A 250V AC	Function
L1 (1)	6 mm² Brown	L1 (1)
L2 (2)		L2 (2)
L3 (3)		L3 (3)
N (4)	6 mm² Blue	N (4)
PE (5)	6 mm² Yellow-green	PE (5)
CP (6)	0.5 mm² White	CP (6)
PP (7)		PP (7)

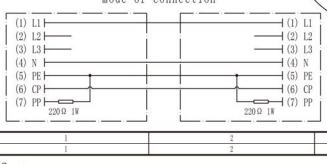
Type II
2-IIb



32A 1P+N+PE+PP+CP
Type II ,was designed according to the standard of
IEC 62196-2 2016 sheet 2-IIb/2-IIe
The static resistance is 220 ohm
Charging cable 5000mm 3*6mm²+2*0.5mm² Black TUV overall cable



mode of connection

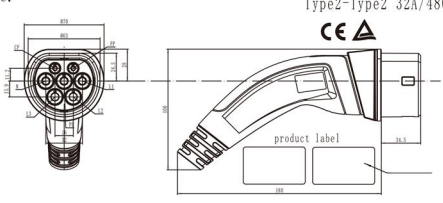


DWG. SYM	S A	PROJ. SYM			
MATL	Specifications		WEIGHT	NAME	Charging connectors
DESIGNED	DATE	CHECK	DATE	STOCHECKED	DATE	DRAW NO.	MG-IEC2-IIb/e-32P-3	SIZE	SCALE
CHECKED	DATE	PROCESS	DATE	APPROVED	DATE	PART NO.		SHEET X OF X

Customer name:

Type2-Type2 32A/480V AC 5m

Type II
2-IIe

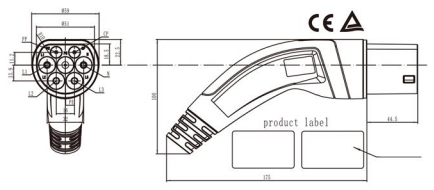


Technical parameters
Current and Voltage : 32A 480V AC
Signal current : 2A 30V
Protection Degree : IP55

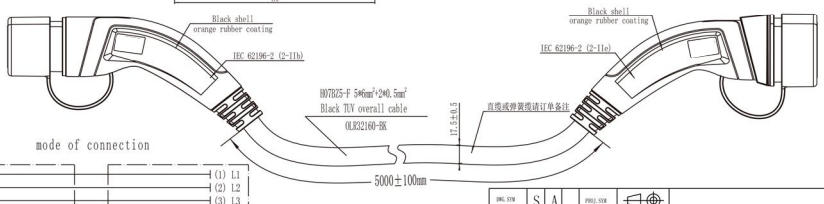
Cable specification

Function	32A 480V AC	Function
L1 (1)	6 mm² Brown	L1 (1)
L2 (2)	6 mm² Black	L2 (2)
L3 (3)	6 mm² Grey	L3 (3)
N (4)	6 mm² Blue	N (4)
PE (5)	6 mm² Yellow-green	PE (5)
CP (6)	0.5 mm² White	CP (6)
PP (7)		PP (7)

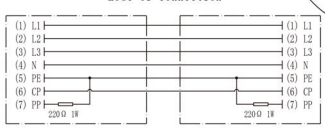
Type II
2-IIb



32A 3P+N+PE+PP+CP
Type II ,was designed according to the standard of
IEC 62196-2 2016 sheet 2-IIb/2-IIe
The static resistance is 220 ohm
Charging cable 5000mm 5*6mm²+2*0.5mm² Black TUV overall cable



mode of connection

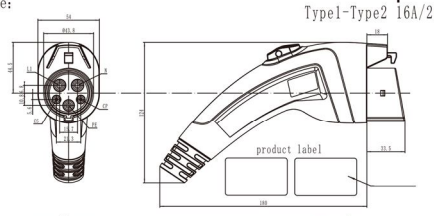


DWG. SYM	S A	PROJ. SYM			
MATL	Specifications		WEIGHT	NAME	Charging connectors
DESIGNED	DATE	CHECK	DATE	STOCHECKED	DATE	DRAW NO.	MG-IEC2-IIb/e-32P-3	SIZE	SCALE
CHECKED	DATE	PROCESS	DATE	APPROVED	DATE	PART NO.		SHEET X OF X

Customer name:

Type1-Type2 16A/250V AC 5m

Type I

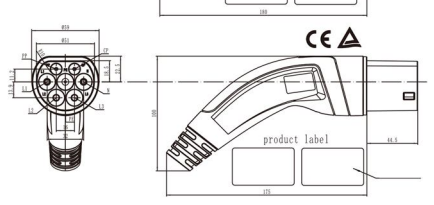


Technical parameters
Current and Voltage : 16A 250V AC
Signal current : 2A 30V
Protection Degree : IP55

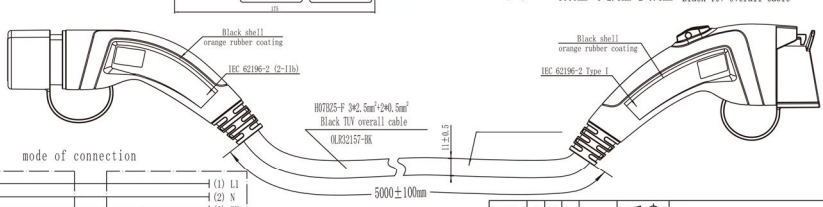
Cable specification

Function	16A 250V AC	Function
L1 (1)	2.5 mm² Brown	L1 (1)
L2 (2)		
L3 (3)		
N (4)	2.5 mm² Blue	N (2)
PE (5)	2.5 mm² Yellow-green	PE (3)
CP (6)	0.5 mm² White	CP (4)
PP (7)		CS (5)

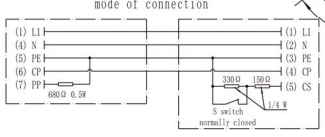
Type II
2-IIb



16A 1P+N+PE+PP+CP
Type I ,was designed according to the standard of SAE J1772- 2012
The static resistance is 150 ohm, and the resistance will increase to
480 ohm when pressing the button.
Type II ,was designed according to the standard of
IEC 62196-2 2016 sheet 2-IIb The static resistance is 680 ohm
Charging cable 5000mm 3*2.5mm²+2*0.5mm² Black TUV overall cable



mode of connection

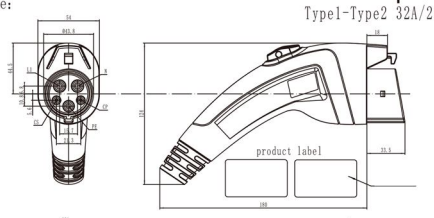


DWG. SYM	S A	PROJ. SYM			
MATL	Specifications		WEIGHT	NAME	Charging connectors
DESIGNED	DATE	CHECK	DATE	STOCHECKED	DATE	DRAW NO.	MG-IEC2-IIb/e-32P-3	SIZE	SCALE
CHECKED	DATE	PROCESS	DATE	APPROVED	DATE	PART NO.		SHEET X OF X

Customer name:

Type1-Type2 32A/250V AC 5m

Type I

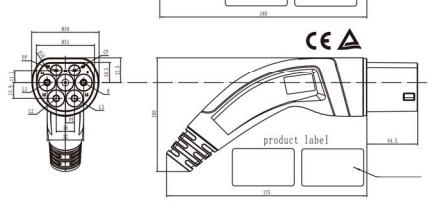


Technical parameters
Current and Voltage : 32A 250V AC
Signal current : 2A 30V
Protection Degree : IP55

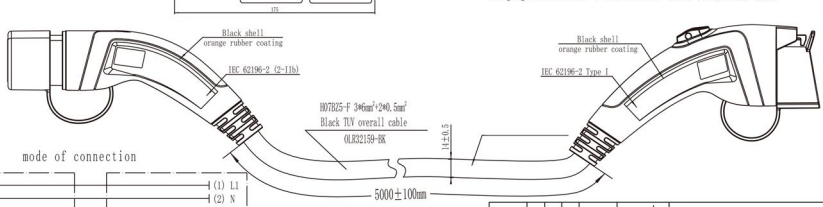
Cable specification

Function	32A 250V AC	Function
L1 (1)	6 mm² Brown	L1 (1)
L2 (2)		
L3 (3)		
N (4)	6 mm² Blue	N (2)
PE (5)	6 mm² Yellow-green	PE (3)
CP (6)	0.5 mm² White	CP (4)
PP (7)		CS (5)

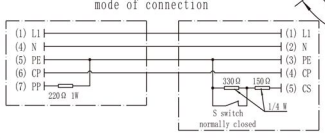
Type II
2-IIb



32A 1P+N+PE+PP+CP
Type I ,was designed according to the standard of SAE J1772- 2012
The static resistance is 150 ohm, and the resistance will increase to
480 ohm when pressing the button.
Type II ,was designed according to the standard of
IEC 62196-2 2016 sheet 2-IIb The static resistance is 220 ohm
Charging cable 5000mm 3*6mm²+2*0.5mm² Black TUV overall cable



mode of connection



DWG. SYM	S A	PROJ. SYM			
MATL	Specifications		WEIGHT	NAME	Charging connectors
DESIGNED	DATE	CHECK	DATE	STOCHECKED	DATE	DRAW NO.	MG-IEC2-IIb/e-32P-3	SIZE	SCALE
CHECKED	DATE	PROCESS	DATE	APPROVED	DATE	PART NO.		SHEET X OF X