

Lighting Power Busway



MEGA TECHNOLOGY (ZHENJIANG) CO., LTD.

Add: No.3, Yuanbo Avenue, Economic Development Zone, Yangzhong City, Jiangsu Province,
ChinaTel: +86-511-88136688 Fax: +86-511-88131655
E-mail: salesmegachina@optimus-busduct.com
http: //www.optimus-busbar.com

OPTIMUS TECHNOLOGY CO.,LTD.

Office: 6th Floor, No.805, Zhengde Road, Zuoying DistrictKaohsiung City, Taiwan
Tel: +886-7-3458385 Fax: +886-7-3421424
E-mail: vicara88@ms17.hinet.net
http: //www.vicara-trade.com

MEGA ENERGY(THAILAND)CO.,LTD.

Office:Building M5 , NO.23/7 Ratbamrung Road,Tambon
Huai Pong Amphoe Mueang Rayong,Province Rayong 21150

OPTIMUS POWERTECH PRIVATE LIMITED(INDIA)

Office:Thriveni academy, Thriveni Nagar, Vadakkupattu village,
Kanchipuram.Tamil Nadu.



MEGA TECHNOLOGY (ZHENJIANG) CO.,LTD.
OPTIMUS TECHNOLOGY CO., LTD.
MEGA ENERGY (THAILAND)CO.,LTD.
OPTIMUS POWERTECH PRIVATE LIMITED(INDIA)



CONTENTS



- 01 ▶ About Us
- 02-03 ▶ Definition of Product Name/Model/Specification
- 04-05 ▶ Installation Diagram for Lighting Power Busbar
- 06-07 ▶ Classification of OPT busbar
- 08 ▶ OPT Busbar Products Description: Plastic-tube Busbar Series
- 09 ▶ OPT Busbar Products Description: AL Alloy Busbar Series
- 10-13 ▶ OPT Busbar Products Description: Socket Series
- 14-15 ▶ OPT Busbar Products Description: Leakage Protection Series
Control Box Series Luminaire Fixing Unit Switch Series
- 16 ▶ OPT Busbar Products Description: Energy-saving Series
- 17 ▶ Main Line and Other Material
- 18 ▶ Installation Methods for Busbar
- 19 ▶ Miniature AL Alloy Lighting Busbar

PRO OPTIMUS busway trunking systems possess strong R&D resource, perfect quality and satisfactory service, which have successfully completed many projects to overseas and local market. With the continuing product research and development process carried out by Mega Technology (Zhenjiang) Co.,Ltd, we are able to provide uniquely designed and highly reliable products, This is achieved by adopting sophisticated thermodynamic design applications and quality manufacturing methods to deliver high performance products to our customers.

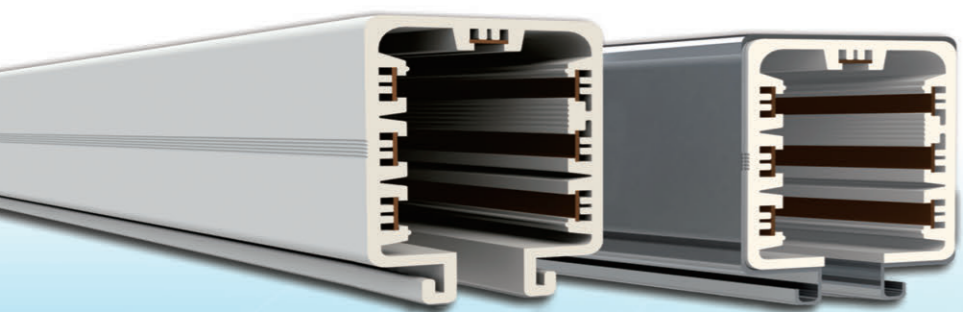


Definition of the Product Name

Lighting Busbar: to provide lighting in the busbar

Power Busbar: to provide power for machines in the busbar

Lighting Power: to provide both lighting and power in one busbar



【Plastic-tube Busbar Series】

【AL.Alloy Lighting Power Busbar Series】



Definition of Product Model/Specification

OPT-P 7(5)-30 (30, 50, 63, 100, 120, 160, 200, 240, 280)

- (ampere of the copper conductor)
- (5 copper strips inside busbar)
- (total quantity of slot in the busbar)
- (P means Plastic-tube busbar ;
- (A means Al. Alloy Busbar)
- (Brand Name)

OPT-P7(5)-30

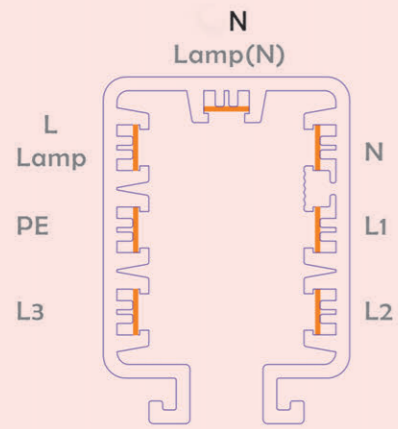
(Notes:This model means 5 Pcs 30 amperes copper in the 7-pole plastic-tube busbar)



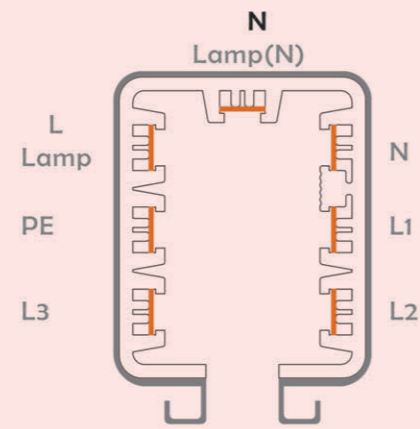
- 1.SDB
- 2.End Cover
- 3.Threading pipe
- 4.Cable Tray
- 5.Lighting Power Control Box
- 6.Combined socket(220V+380V)
- 7.Luminaire Fixing Unit
- 8.Energy-saving Lamps

- 9.Rotary Switch
- 10.Single-phase Socket(10A)
- 11.Three-phase socket(16A)
- 12.Hanger Clamp
- 13.Connection Box
- 14.Welded Suspension Pipe
- 15.Top Cap

OPT busbar is classified into two series: Plastic-tube Busbar and Al. Alloy Busbar



OPT-P7(7)-30
Plastic-tube Busbar



OPT-A7(7)-30
Al.Alloy Busbar

Plastic-tube Busbar Series	Product Classification	Al.Alloy Busbar Series
Plastic-tube Lighting Busbar	Lighting Busbar	Al.Alloy Lighting Busbar
Plastic-tube Power Busbar	Power Busbar	Al.Alloy Power Busbar
Plastic-tube Lighting Power Busbar	Lighting Power Busbar	Al.Alloy Lighting Power Busbar
Plastic-tube Trolley Busbar	Trolley Busbar	Al.Alloy Trolley Busbar
Empty Plastic-tube Busbar	Empty Busbar	Empty Al.Alloy Busbar
Enclosed Blank Plastic-tube	Enclosed Blank Tube	Enclosed Blank Al.Alloy



Plastic-tube Lighting Power Busbar



Single-phase Socket (220V)



Rotary Switch




Al.Alloy Trolley Busbar

Current Collection Socket (220V)

Current Collection Socket (380V)

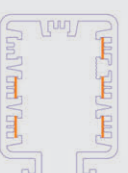
Current Collection Trolley (220V & 380V)

Plastic-tube Lighting Busbar



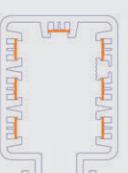
Product name	Spec&Type	Unit
Plastic-tube Lighting Busbar	OPT-P7(2) -30, 50, 63, 100, 120, 160, 200, 240, 280	m

Plastic-tube Power Busbar



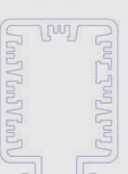
Product name	Spec&Type	Unit
Plastic-tube Power Busbar	OPT-P7(5) -30, 50, 63, 100, 120, 160, 200, 240, 280	m

Plastic-tube Lighting Power Busbar



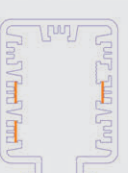
Product name	Spec&Type	Unit
Plastic-tube Lighting Power Busbar	OPT-P7(7) -30, 50, 63, 100, 120, 160, 200, 240, 280	m

Empty Plastic-tube Busbar

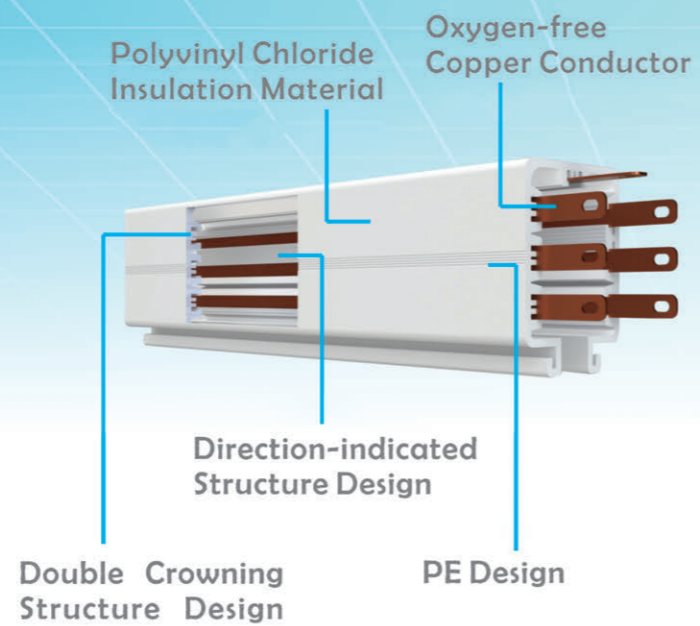


Product name	Spec&Type	Unit
Empty Plastic-tube Busbar	OPT-P7	m

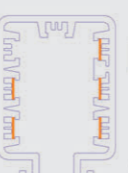
Plastic-tube Trolley Busbar



Product name	Spec&Type	Unit
Plastic-tube Trolley Busbar	OPT-PC7(3) -30, 50, 63, 100, 120, 160, 200, 240, 280	m



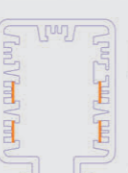
Plastic-tube Lighting PowerBusbar



Product name	Spec&Type	Unit
Plastic-tube Lighting Power Busbar	OPT-P7(5) -30, 50, 63, 100, 120, 160, 200, 240, 280	m

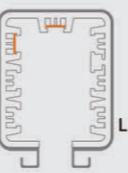
To Create the 1st Brand in Intensive Power Solution Industry

Plastic-tube Trolley Busbar



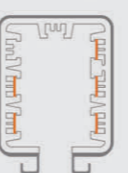
Product name	Spec&Type	Unit
Plastic-tube Trolley Busbar	OPT-PC7(4) -30, 50, 63, 100, 120, 160, 200, 240, 280	m

Al.Alloy Lighting Busbar



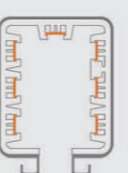
Product name	Spec&Type	Unit
Al.Alloy Lighting Busbar	OPT-A7(2) -30, 50, 63, 100, 120, 160, 200, 240, 280	m

Al.Alloy Power Busbar




Product name	Spec&Type	Unit
Al.Alloy Power Busbar	OPT-A7(5) -30, 50, 63, 100, 120, 160, 200, 240, 280	m

Al.Alloy Lighting Power Busbar



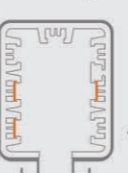
Product name	Spec&Type	Unit
Al.Alloy Lighting Power Busbar	OPT-A7(7) -30, 50, 63, 100, 120, 160, 200, 240, 280	m

Empty Al.Alloy Busbar

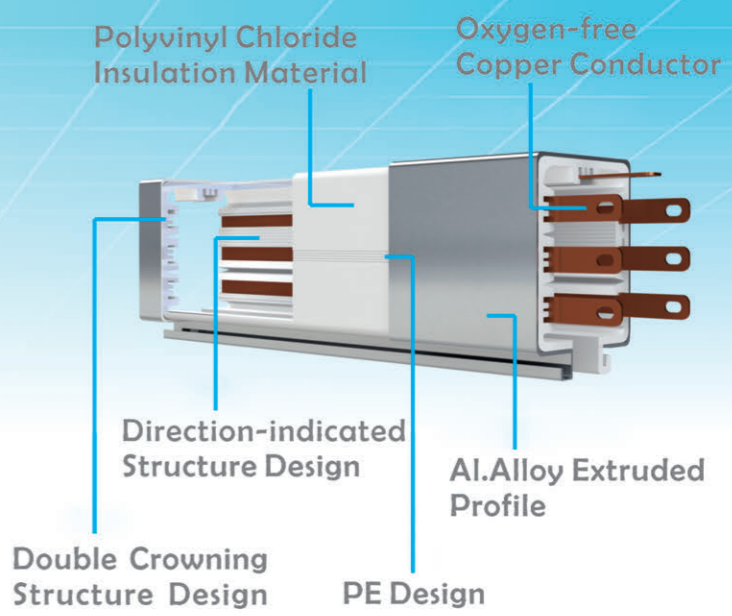


Product name	Spec&Type	Unit
Empty Al.Alloy Busbar	OPT-L7	M

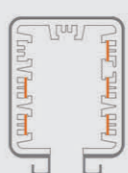
Al.Alloy Trolley Busbar



Product name	Spec&Type	Unit
Al.Alloy Trolley Busbar	OPT-AC7(3) -30, 50, 63, 100, 120, 160, 200, 240, 280	m



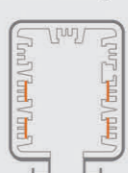
Al.Alloy Lighting Power Busbar



Product name	Spec&Type	Unit
Al.Alloy Lighting Power Busbar	OPT-A7(5) -30, 50, 63, 100, 120, 160, 200, 240, 280	m

OPT Power

Al.Alloy Trolley Busbar



Product name	Spec&Type	Unit
Al.Alloy Trolley Busbar	OPT-AC7(4) -30, 50, 63, 100, 120, 160, 200, 240, 280	m

Mobile Socket



Single-phase Socket(10A)

Product name	Spec&Type	Unit
Single-phase Socket (220V)	OPT-YC(1P10)	pcs



Combined Socket(220V+380V)

Product name	Spec&Type	Unit
Combined Socket (220V+380V)	OPT-YC(1P+3P)	pcs



Single-phase Socket(16A)

Product name	Spec&Type	Unit
Single-phase Socket (220V)	OPT-YC(1P16)	pcs



Three-phase Socket(3P+N+E)

Product name	Spec&Type	Unit
Three-phase Socket	OPT-YC(3PN+E)	pcs



Three-phase Socket(16A)

Product name	Spec&Type	Unit
Three-phase Socket (380V)	OPT-YC(3P16)	pcs



Single-phase Socket with Leakage Protection

Product name	Spec&Type	Unit
Single-phase Socket with Leakage Protection	leakage protection	pcs

Socket



Current Collection Socket(220V)

Product name	Spec&Type	Unit
Current Collection Socket (220V)	OPT-7CJ(1P10)	pcs



Current Collection Socket(380V)

Product name	Spec&Type	Unit
Current Collection Socket (380V)	OPT-7CJ(3P16)	pcs

Rotary Socket



Single-phase Rotary Socket

Product name	Spec&Type	Unit
Single-Phase Rotary Socket (220V)	OPT-XC(1P10)	pcs



Three-phase Rotary Socket

Product name	Spec&Type	Unit
Three-Phase Rotary Socket (380V)	OPT-YC(1P+3P)	pcs

Fast Rotary Plug



Fast Rotary Socket (1P+N+E)

Product name	Spec&Type	Unit
Fast Rotary Plug(1P+N+E) (220V)	OPT-XJ(1P10)	pcs



Fast Rotary Plug (3P+E)

Product name	Spec&Type	Unit
Fast Rotary Plug(3P+E) (380V)	OPT-XJ(3P16)	pcs



Fast Rotary Plug (3P+N+E)

Product name	Spec&Type	Unit
Fast Rotary Plug(3P+N+E)	OPT-XJ(3PN+E)	pcs



OPT Power

Provide Professional Intensive Power Supply Solution



Type: OPT-YC(1P10)
(220V/10A)
Single-phase Socket



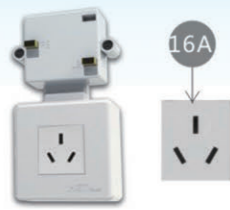
Type: OPT-YC(3P16)
(380V/16A)
Single-phase Socket



Type: OPT-7CJ(3P16)
Current Collection
Socket(380V)



Type: OPT-7CJ(1P10)
Current Collection
Socket(220V)



Type: OPT-YC(1P16)
(220V/16A)
Single-phase Socket



Type: OPT-YC(1P10)
Single-phase Socket
(Multi-function)



Type: OPT-7CJ(1P16)
Current Collection Trolley



Type: OPT-XJ(3PN+E)
Fast Rotary Plug(3P+N+E)



Type: OPT-YC(1P+3P)
(220V+380V)
Three-phase Socket



Type: OPT-YC(3PN+E)
(3P+N+E)
Three-phase Socket



Type: OPT-XJ(1P10)
(220V)
Fast Rotary Plug(1P+N+E)



Type: OPT-XJ(3P16)
(380V)
Fast Rotary Plug(3P+E)



Type:
Single-phase socket
with on/off switch



Type:
Single-phase socket
(British Standard)



Type: OPT-XC(1P10)
(220V)
Single-Phase Rotary Socket



Type: OPT-XC(3P16)
(380V)
Three-Phase Rotary Socket



Type:
Single-phase socket
(European Standard)



Type:
Single-phase Socket
with Leakage Protection



Type: OPT-86XC(3/10A)
220V
86 Model ANSI Rotary Socket



Type: OPT-86XC(3/13A)
220V
86 Model British Standard
Rotary Socket



Type: OPT-86XC(3/16A)
220V
86 Model Euro-Standard
Rotary Socket



Type: OPT-86XC(3/15A)
220V
86 Model Big triple circle
Rotary Socket

Leakage Protection Series ●



Type: OPT-LBC(1P10)
Single-phase Socket with leakage MCB



Type: OPT-LB(3PN)
Feeder Box with leakage MCB(3P+N+E)



Type : OPT-YC(L3PN16A)
Mobile leakage protector (wiring type)



Type: OPT-XC(1PN16A+3/10A)-C
Single phase rotary leakage protection socket (220V)



Type: OPT-LBXC(3PN)
Rotary Socket with Leakage MCB(3P+E)(380V)



Type: OPT-LBC(3PN16A)
Three-phase Socket with leakage MCB(3P+E) (380V)



Type: OPT-LBC(1P+3P)
Socket with Leakage MCB(3P+N+E)(220V+380V)



Type: OPT-LBC(1PN+1PN)
Socket with leakage MCB(1P+N+E)(220V+220V)



Type : OPT-LBC(1PN+3PN)
Socket with independent Leakage MCB(220V+380V)

Control Box Series ●



Type: OPT-BZK
Lighting Control Box



Type: OPT-BZK
Control Box(Double MCB)

Luminaire Fixing Unit ●



W type luminaire hanger
OPT-DGJ-W



T5 luminaire hanger
OPT-DGJ-T5



luminaire hanger
OPT-DGJ-T5/T8

Switch Series ●



Type: OPT-ZK-L
Rotary Switch



Type: OPT-ZK-C
Rotary Switch



Type: OPT-ZK-2J
Rotary Switch

	Product name	Spec&Type	Unit
	T5 Energy-saving Lamp(1.2M/0.9M)	T5-28W/21W(Single-tube)	(set)
	T5 Energy-saving Lamp(1.2M/0.9M)	T5-28W/21W(Single-tube with Reflector)	(set)
	T5 Energy-saving Lamp(1.2M/0.9M)	T5-28W/21W(Double-tube with Reflector)	(set)
	T5 LED Energy-saving Lamp(1.2M/0.9M)	T5-18W/16W	(set)
	T8 LED (1.2M)	T8-18W	(set)

Accessories

<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>Hanger Clamp</td> <td>OPT-DJ</td> <td>set</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	Hanger Clamp	OPT-DJ	set	<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>Connection Box</td> <td>OPT-LIH</td> <td>pcs</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	Connection Box	OPT-LIH	pcs
Product name	Spec&Type	Unit											
Hanger Clamp	OPT-DJ	set											
Product name	Spec&Type	Unit											
Connection Box	OPT-LIH	pcs											
<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>End Feed-in Unit End Cover</td> <td>OPT-FG</td> <td>pcs</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	End Feed-in Unit End Cover	OPT-FG	pcs	<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>End Cover</td> <td>OPT-EC</td> <td>pcs</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	End Cover	OPT-EC	pcs
Product name	Spec&Type	Unit											
End Feed-in Unit End Cover	OPT-FG	pcs											
Product name	Spec&Type	Unit											
End Cover	OPT-EC	pcs											
<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>L-shaped Connection Box</td> <td>OPT-SP-2T</td> <td>set</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	L-shaped Connection Box	OPT-SP-2T	set	<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>T-shaped Connection Box</td> <td>OPT-SP-3T</td> <td>set</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	T-shaped Connection Box	OPT-SP-3T	set
Product name	Spec&Type	Unit											
L-shaped Connection Box	OPT-SP-2T	set											
Product name	Spec&Type	Unit											
T-shaped Connection Box	OPT-SP-3T	set											
<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>Dust-proof Cover Plate</td> <td>OPT-GB</td> <td>m</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	Dust-proof Cover Plate	OPT-GB	m	<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>Joint Connector</td> <td></td> <td>pcs</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	Joint Connector		pcs
Product name	Spec&Type	Unit											
Dust-proof Cover Plate	OPT-GB	m											
Product name	Spec&Type	Unit											
Joint Connector		pcs											



Installation Materials

<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>Diagonal Brace Bracket</td> <td>Φ10mm</td> <td>pcs</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	Diagonal Brace Bracket	Φ10mm	pcs	<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>LType Floor Bracket</td> <td>h=35-55cm(customized)</td> <td>pcs</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	LType Floor Bracket	h=35-55cm(customized)	pcs							
Product name	Spec&Type	Unit																		
Diagonal Brace Bracket	Φ10mm	pcs																		
Product name	Spec&Type	Unit																		
LType Floor Bracket	h=35-55cm(customized)	pcs																		
<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>Cross Brace Bracket</td> <td>Φ10mm</td> <td>pcs</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	Cross Brace Bracket	Φ10mm	pcs	<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>Floor Bracket</td> <td>h=35-55cm(customized)</td> <td>pcs</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	Floor Bracket	h=35-55cm(customized)	pcs	<table border="1"> <thead> <tr> <th>Product name</th> <th>Spec&Type</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>Universal Connector</td> <td>Φ25mm</td> <td>pcs</td> </tr> </tbody> </table>	Product name	Spec&Type	Unit	Universal Connector	Φ25mm	pcs
Product name	Spec&Type	Unit																		
Cross Brace Bracket	Φ10mm	pcs																		
Product name	Spec&Type	Unit																		
Floor Bracket	h=35-55cm(customized)	pcs																		
Product name	Spec&Type	Unit																		
Universal Connector	Φ25mm	pcs																		
<p>1200-1800</p>	<p>350-550</p>	<p>350-500</p>	<p>2200</p>	<p>2200</p>	<p>2200</p>															
Cross Arm 1.2m-1.8m/pcs (Customized)	7 Type Floor Bracket(Customized) h=35-55cm	Floor Bracket(Customized) h=35-55cm	Floor Stand (Customized) h=2.2m	Floor Stand (Customized) h=2.2m	Floor Stand (Customized) h=2.2m															



MDB

SDB



● Hoisting Mode in Steel-Structure



● Normal Hoisting Methods



● Under-table Installation Methods



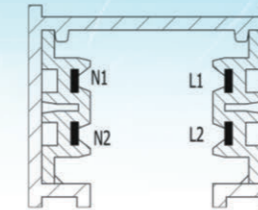
● Other Installation Method



● Installation with Customized Floor Stand



● Miniature Al.alloy Lighting Busbar



Type : OPT-ZML-4-30
Busbar Trunking (4-pole)



Type : OPT-ZML4-ZJ-1(2)
Rotary Switch



Type : OPT-ZML4-ZT
Connector (4P, 30A)



Type : OPT-ZML4-G
Luminaire Fixing Unit



Type : OPT-ZML4-DJ
Hanger Clamp



Type : OPT-ZML4-DM
End Cover



Type : OPT-ZML4-DG
End Feed-in Unit



Type : OPT-ZML4-WT
L-shaped Joint



◆ ISO 9001



◆ ISO 14001



◆ ISO 18001



Quality Assurance

1. We promise to supply the qualified products in accordance with design standards as per the sales contract.
2. We promise to replace any products and parts that cannot meet the requirement stipulated in the sale contract to guarantee the installation quality and progress.
3. All products are packed in the wooden case to avoid the products defacement.
4. We promised to execute strictly construction abiding by the contract during the installation and debugging.
5. We will recheck all the installation after the installation and debugging before informing buyer to inspect the same.

After-sales Service Commitment

1. We will make the respond within 2 hours upon receiving customer's notification when the failure occurs in or out of warranty period. We will dispatch technicians to solve the problems within 48 hours.
2. We promise the annual site visit to follow up the products performance and condition after the installation completed.
3. Building regular visit plan to know the usage from customer, collecting comments and suggestions from customers on OPT products.

Training Plan

1. We will provide free training during the installation for the future operation and maintenance.
2. We also can provide regular training annually upon customers' requirement.

