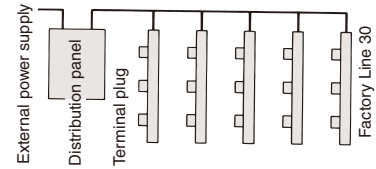
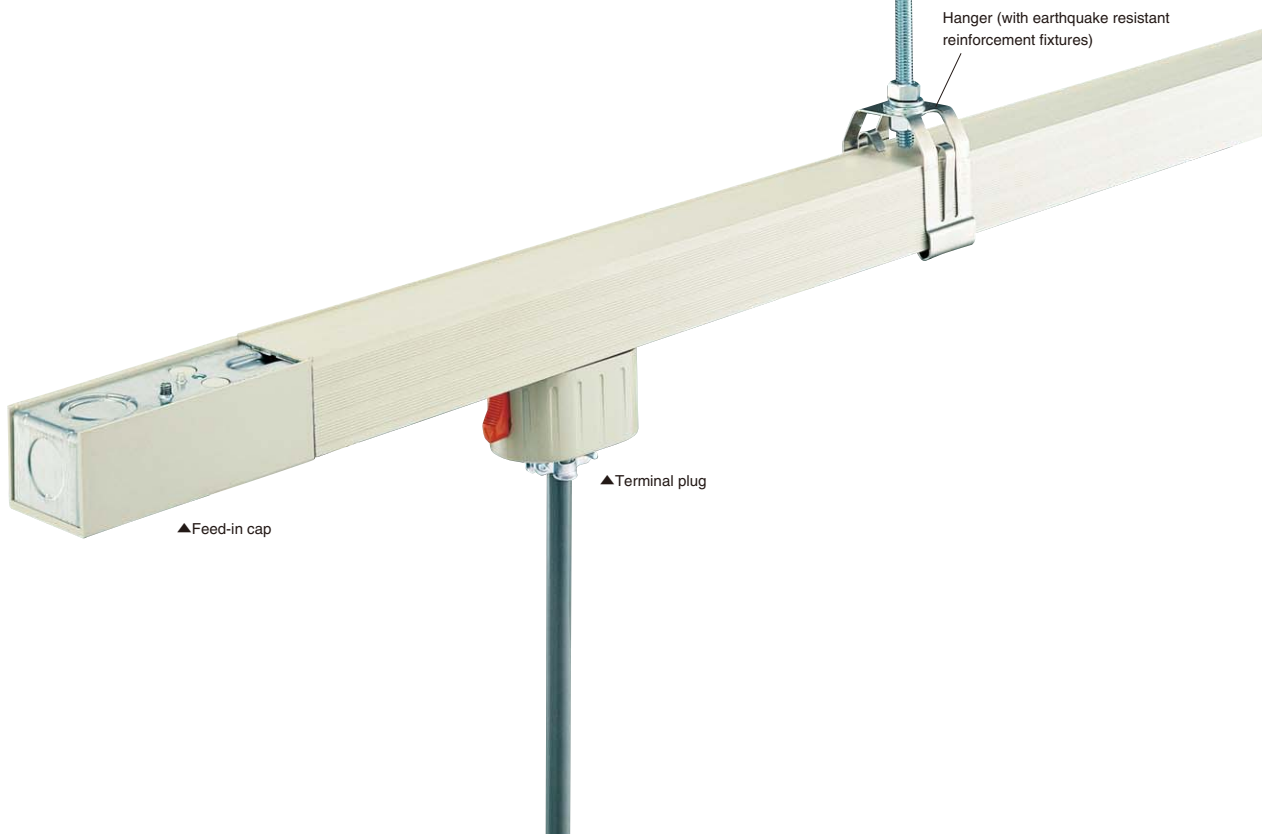
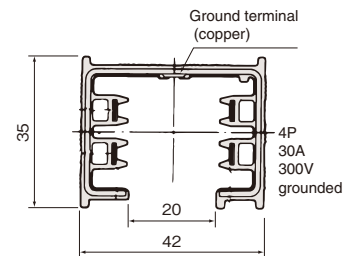


FactoryLine 30



The Factory Line 30 is a four-wire type duct capable of providing either one three-phase circuit or simultaneously two single-phase circuits.

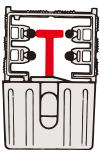
In the Factory Line 30 ducts, four conductors are separated into an upper level and a lower level. Thus, either one three-phase drive load circuit can be obtained, or the upper and lower levels of the same duct can be separated into two single-phase power supply circuits. In addition, by using the upper two wires for a single-phase 200V lighting power supply and the lower two wires for a single-phase 100V electrical outlet power supply, both the lighting and electrical outlet circuits for an assembly line can be obtained from a single duct.



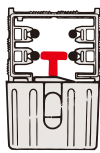


Standard power supply take-off

● Plug Socket (for 100V)

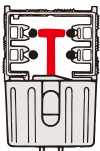


2PL type
(for upper level)

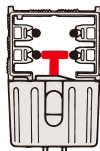


2PS type
(for lower level)

● Terminal plug (for 100, 200V)



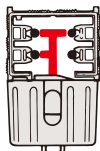
2PL type
(for upper level)



2PS type
(for lower level)

(Plugs for lights are the same.)

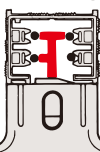
● Terminal plug (for three-phase 200V)



* 3P type

If a dedicated ground wire is required, use a 4P type plug and make one wire in the duct a dedicated ground circuit.

● Terminal plug with circuit protector



* 3P type

[Caution]

To prevent improper use of 100V or 200V power, be sure to affix a voltage indication labels to the Factory Line ducts & plugs after installation. The labels are included with products.

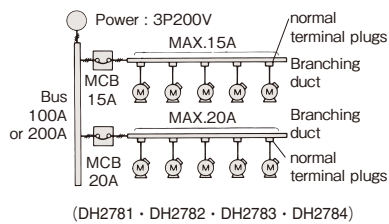
* Do not use plugs for Factory Line 30 for Factory Line 400, 200, 100, 60, and 20 due to differences in the grounding methods and dimensions.

Using terminal plug

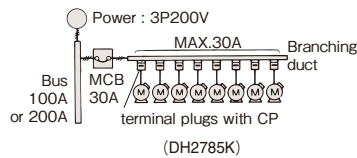
● Maximum you can use is 20A with main unit of Factory Line 30 when you use normal terminal plugs including DH2781.

● Maximum you can use is 30A when you use terminal plug(DH2785K) with circuit protection(CP). Because CP, which protects loads, allows more loads to connect to.

● When you use normal terminal plugs



● When you use terminal plugs with CP

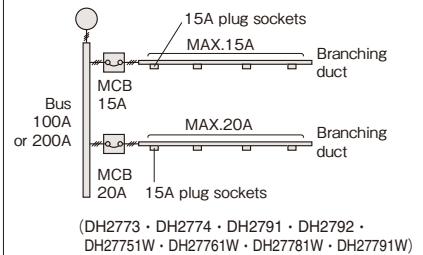


Using plug socket

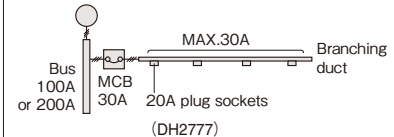
● Maximum you can use is 20A with main unit of Factory Line 30 when you use 15A plug sockets including DH2773.

● Maximum you can use is 30A when you use 20A plug sockets including DH2773. Because CP, which protects circuits, protects loads.

● When you use 15A plug sockets



● When you use 20A plug sockets

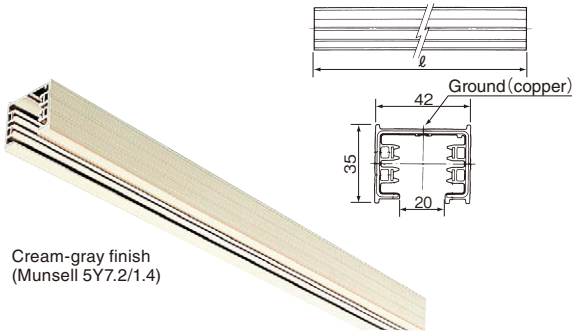


Factory Line 30 main unit (cream-gray finish) ^{PS}

4P 30A 300V with ground.
Conductor equipped duct for a three-phase three-wire circuit or a single-phase three-wire circuit or two single phase circuit.

[Caution]

The main unit cannot be attached directly to the building structure.

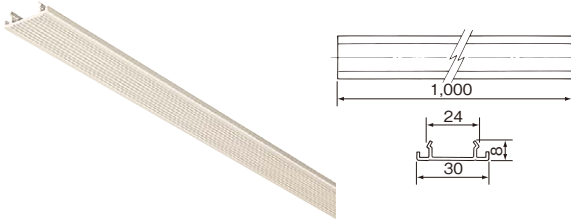


Cream-gray finish
(Munsell 5Y7.2/1.4)

Cat. No.	Length ℓ (mm)	Weight (kg)
DH2711	1,000	1.6
DH2712	2,000	3.2
DH2713	3,000	4.8

Duct cover (cream-gray finish)

Protect from entering foreign bodies or dusts into main unit.
Length 1000mm. Made of PVC resin.
For Factory Line 200, 100/60 and 30 systems.



Cat. No.	Weight (kg)
DH2799	0.06

Feed-in cap (cream-gray finish) ^{PS}

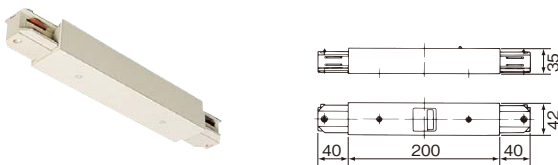
4P 30A 300V with ground.
Supplying power at an end of the main unit.



Cat. No.	Weight (kg)
DH2721	0.16

Center feed-in joiner (cream-gray finish) ^{PS}

4P 30A 300V with ground.
Supplying power between the main units and connecting them.
[Caution]
Use same cables as a power line to connect terminals.



Cat. No.	Weight (kg)
DH2722	0.24

Joiner (cream-gray finish) ^{PS}

4P 30A 300V with ground.
Connecting main units both physically and electrically.
Cannot supply power with this part.



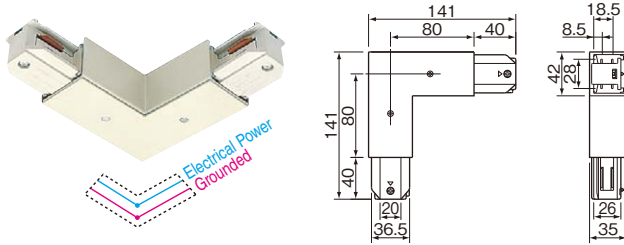
Cat. No.	Weight (kg)
DH2731	0.08

L joiners (cream-gray finish)

4P 30A 300V with ground.
Connecting main unit to L-shapes.
With feed-in terminal.

[Caution]

You cannot use joiners to layout cranks.



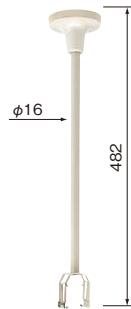
Cat. No.	Weight (kg)
DH2732	0.37

Pipe suspension hanger (cream-gray finish)

Suspending main unit.
The pipe can be cut at the flange side.
Support intervals : Shorter than 1.5m.

[Caution]

Suspending weight must be below 98N(10kgf) on each hanger.



Cat. No.	Weight (kg)
DH2750	0.31

Earthquake resistant reinforcement fixtures

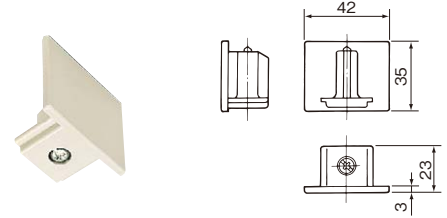
Used in hanger installations to further strengthen the main unit installation. Can be installed at any time to existing hanger installations. As a guide, we recommend installing it to hangers with a bolt length greater than 500mm. Stainless steel hanger.



Cat. No.	Weight (kg)
DH2757	0.01

End cap (cream-gray finish)

Closing an end of the main unit.



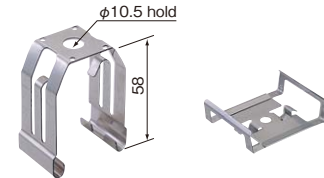
Cat. No.	Weight (kg)
DH2723	0.01

Hanger (with earthquake resistant reinforcement fixtures)

Attaching main unit directly to the building structure or suspending with supplied bolts. Support intervals : Shorter than 1.5m.
Stainless steel hanger

[Caution]

- ① Suspending weight must be below 98N(10kgf) on each hanger.
- ② Main unit cannot fasten directly to the building structure without using hangers.
- ③ When using long hanger bolts, also install hanger bolt anti-swing fixtures.

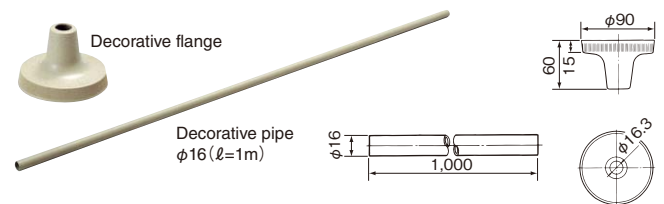


The DH2752 (no earthquake resistant reinforcement fixtures) is also available.

Cat. No.	Weight (kg)
DH2752K1	0.03

Decorative flange and pipe (cream-gray finish)

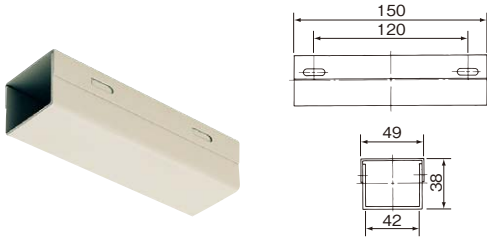
Hide the suspension bolt for good appearance.
Cut the decorative pipe into the length of the suspension bolt.
For Factory Line 200, 100/60 and 30 systems.



Cat. No.	Name	Weight (kg)
DH2455	Decorative flange	0.1
DH2456	Decorative pipe	0.47

Connection reinforcement fixture (cream-gray finish)

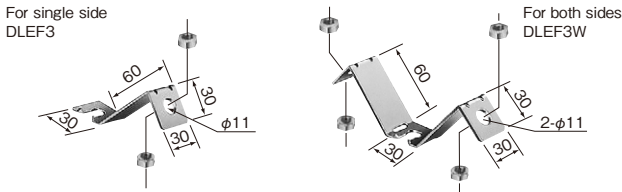
To keep straight the joint part of the main unit suspended by long bolts.



Cat. No.	Weight (kg)
DH2754	0.36

Anti-swing fixture (electro-galvanized)

Eliminates need to pass through hanger bolt before processing. Can be fitted to existing bolts to prevent swinging. Default angle is 45 degrees. You can bend to fit the site. **For Factory Line 200, 100/60 and 30 systems.**

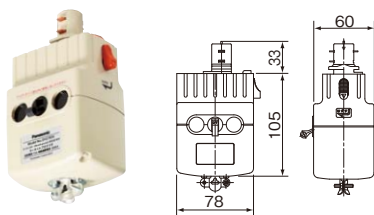


Cat. No.	Type	Bolt	Weight (kg)
DLEF3	For single side	W3/8	0.07
DLEF3W	For both sides	W3/8	0.13

Terminal plug with circuit protector (CP) (cream-gray finish)

3P 15A 250V with ground. Use for extracting three-phase power supply or single-phase power supply. Built-in circuit protector (CP-A) **For Factory Line 30 system.**

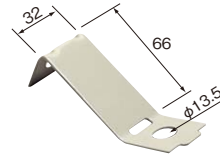
[Caution] Cannot be used with Factory Line 100/60 systems.



Cat. No.	Rating	Weight (kg)
DH2785K	3P15A250V with ground	0.35

Anti-swing fixture (ivory-gray finish)

Prevent suspension bolts from swinging. Default angle is 45 degrees. You can bend to fit the site. Use two pieces if secure both sides. **For Factory Line 400, 200, 100/60 and 30 systems.**

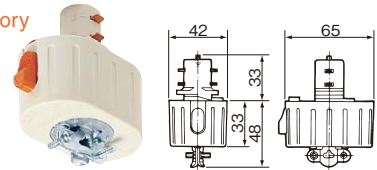


Cat. No.	Weight (kg)
DL741Y	0.1

Terminal plug (cream-gray finish)

2P/3P/4P 15A 300V with ground. Use for extracting three-phase power supply or single-phase power supply. "L"(for the upper 2P conductors) and "S"(for the lower 2P conductors) plug are available in 2P type. **For Factory Line 30 system.**

[Caution] Cannot be used with Factory Line 100/60 systems.

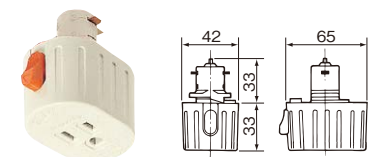


Cat. No.	Type	Rating	Weight (kg)
DH2781	2PS	2P15A300V with ground	0.08
DH2782	2PL	2P15A300V with ground	
DH2783	3P	3P15A300V with ground	0.08
DH2784	4P	4P15A300V with ground	

Plug socket (cream-gray finish)

Ground 2P 15A 125V. Use for extracting single-phase 100V socket power from 15A or 20A branched circuits. "L" (for the upper conductors) and "S" (for the lower conductors) plug are available.

For Factory Line 30 systems.
[Caution] Cannot be used with Factory Line 100/60 systems.



Cat. No.	Type	Rating	Weight (kg)
DH2773	S	Ground 2P15A125V	0.05
DH2774	L		

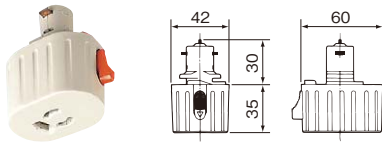
Locking plug socket (cream-gray finish) ^{PS}

Ground 2P 15A 125V locking.
Use for extracting single-phase 100V socket power from 15A or 20A branched circuits. "L" (for the upper conductors) and "S" (for the lower conductors) plug are available.

For Factory Line 30 system.

[Caution]

Cannot be used with Factory Line 100/60 systems.



Cat. No.	Type	Rating	Weight (kg)
DH2791	S	Ground 2P15A125V locking	0.05
DH2792	L		

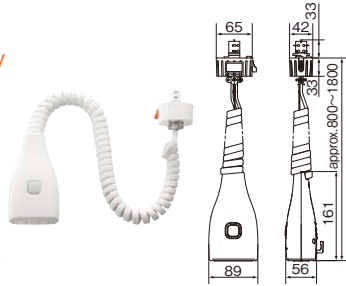
Reel-type plug socket (white finish) ^{PS}

For twin ground 2P 15A 125V, twin ground 2P 15A 125V locking.
Single-phase 100V socket power can be lowered to hand level (max. 1.8m from the duct) from a 15A or 20A branching circuit.
Lowering up to 3m [□] from the duct available to order.
"L" (for the upper conductors) and "S" (for the lower conductors) plug are available.

For Factory Line 30 system.

[Caution]

- ① Cannot be used with Factory Line 100/60 systems.
- ② To rewind the reel section, press and hold the button, and slowly raise the socket. Failure to do so may cause damage.
- ③ Use within the indicated load carrying capacity (up to 1500W).



Cat. No.	Type	Rating	Weight (kg)
DH27751W	S	For twin ground 2P15A125V	0.73
DH27761W	L		
DH27781W	S	For twin ground 2P15A125V locking	
DH27791W	L		

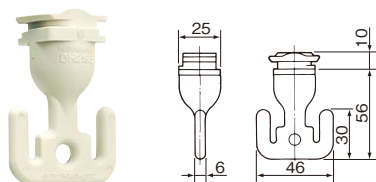
Cord hook (cream-gray finish)

Support wiring cables connected to the outlet plug.

For Factory Line 100/60 and 30 systems.

[Caution]

Suspending weight must be below 49N (5kgf) on each hanger.



Cat. No.	Weight (kg)
DH2798	0.03

Hooked plug socket (cream-gray finish) ^{PS}

Ground 3P 20A 250V.

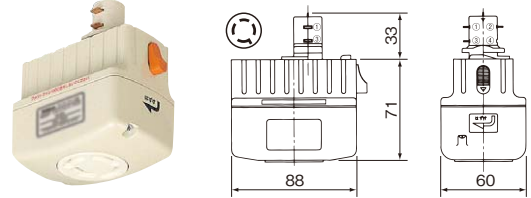
With ground 3P 20A hooked socket (WF2420WK)

Use for extracting single-phase 100V socket power from 15A or 20A branched circuits.

For Factory Line 30 system.

[Caution]

Cannot be used with Factory Line 100/60 systems.



The socket [□] shown in the figure below is also available to order.



Cat. No.	Rating	Weight (kg)
DH2777	Ground 3P20A250V	0.27

Lighting fixture plug ^{PS}

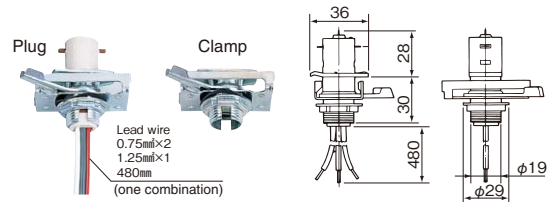
2P 6A 300V with ground.

Mounting a lighting fixture directly to the main unit and supply power from upper or lower 2P conductors. Consists of plug and clamp.

For Factory Line 30 system.

[Caution]

- ① Suspending weight must be below 196N(20kgf).
- ② Cannot be used with Factory Line 100/60 systems.



Cat. No.	Type	Rating	Weight (kg)
DH2771	S	2P6A300V with ground	0.05
DH2772	L		