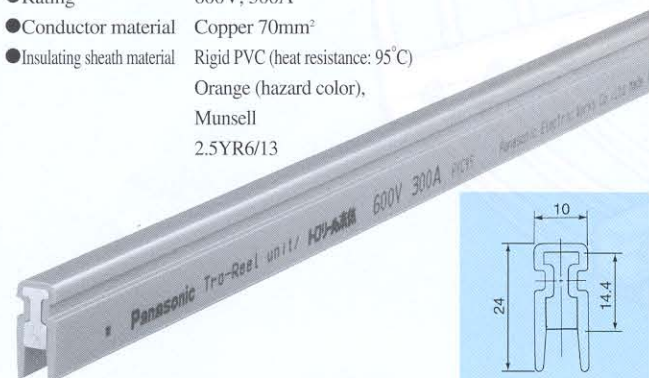


TRO-REEL Insulated Trolleys for Indoor and Outdoor Use

300A Tro-Reel unit (for indoor and outdoor use)

- Rating 600V, 300A
- Conductor material Copper 70mm²
- Insulating sheath material Rigid PVC (heat resistance: 95°C)
Orange (hazard color),
Munsell
2.5YR6/13



300A

Cat. No.	Product	Carton dimensions (mm)	Weight (kg)
DH5470	100m coil	1475×1475×50	80
DH5478	80m coil	1340×1340×50	64.8
DH5476	60m coil	1340×1340×50	48.6
DH5474	40m coil	1140×1140×50	33.4
DH5471	10m coil	1000×1000×50	8.6

Note: Available in coil form only.

200A Tro-Reel unit (for indoor and outdoor use)

- Rating 600V, 200A
- Conductor material Copper 46mm²
- Insulating sheath material Rigid PVC (heat resistance: 75°C)
Orange (hazard color),
Munsell
2.5YR6/13



200A

Cat. No.	Product	Carton dimensions (mm)	Weight (kg)
DH5440	100m coil	1475×1475×50	59
DH5448	80m coil	1340×1340×50	48
DH5446	60m coil	1340×1340×50	37
DH5444	40m coil	1140×1140×50	26
DH5441	10m coil	1000×1000×50	6.4

Note: Available in coil form only.

150A Tro-Reel unit (for indoor and outdoor use)

- Rating 600V, 150A
- Conductor material Copper 30mm²
- Insulating sheath material Rigid PVC (heat resistance: 75°C)
Orange (hazard color),
Munsell
2.5YR6/13



150A

Cat. No.	Product	Carton dimensions (mm)	Weight (kg)
DH5450	100m coil	1475×1475×50	45
DH5458	80m coil	1340×1340×50	36
DH5456	60m coil	1340×1340×50	28
DH5454	40m coil	1140×1140×50	20
DH5451	10m coil	1000×1000×50	5.4

Note: Available in coil form only.

60A Tro-Reel unit (for indoor and outdoor use)

- Rating 600V, 60A
- Conductor materials Steel (22.5mm²) + Copper (15mm²)
- Insulating sheath material Rigid PVC (heat resistance: 75°C)
Orange (hazard color),
Munsell
2.5YR6/13

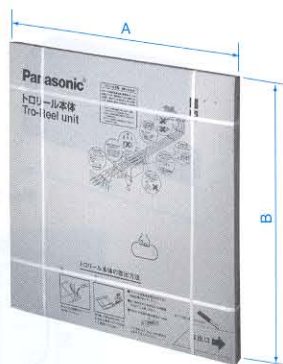


60A

Cat. No.	Product	Carton dimensions (mm)	Weight (kg)
DH5460	100m coil	1475×1475×50	47
DH5468	80m coil	1340×1340×50	39
DH5466	60m coil	1340×1340×50	29
DH5464	40m coil	1140×1140×50	21
DH5461	10m coil	1000×1000×50	5

Note: Available in coil form only.

Type of packing



Note: Unit to prevent the twist of the main unit body, please use DH5538K.

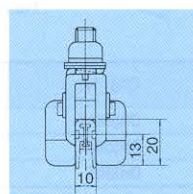
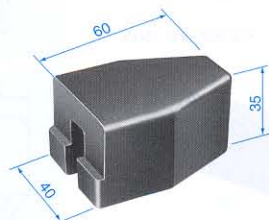
Product	Carton dimensions (mm)
	A×B (mm)
100m coil	1475×1475
80m coil	1340×1340
60m coil	1340×1340
40m coil	1140×1140
10m coil	1000×1000

Fixed end insulator

(with $\phi 5\text{mm}$ knockpin)

This insulator is mounted on the end of the Tro-Reel to apply tension.

For 60A, 150A, 200A, and 300A.



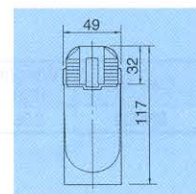
Cat. No.	Weight (kg)	Units per box	Units per carton
DH5513	0.1	3	45

Fixed end insulator (with bolt)

(with securing terminal and $\phi 5\text{mm}$ knockpin)

Mounted onto the end of the Tro-Reel unit to apply tension. Equipped with a lock bolt. Cannot be used for supplying power.

For 60A, 150A, 200A, and 300A.



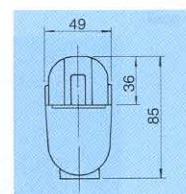
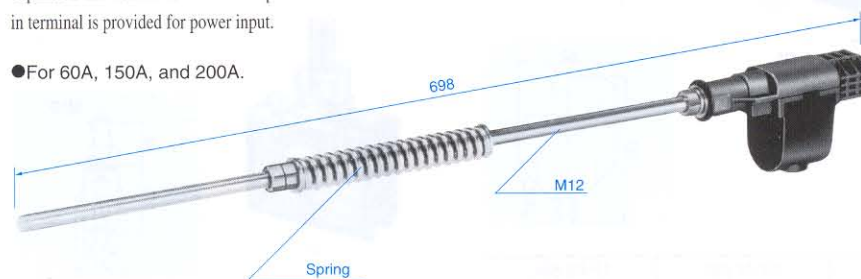
Cat. No.	Weight (kg)	Units per box	Units per carton
DH5514	0.65	1	3

End tension insulator

(with feed-in terminal and $\phi 5\text{mm}$ knockpin)

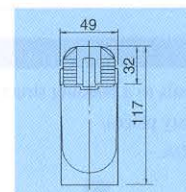
This insulator applies tension to the end of the Tro-Reel to absorb expansion and contraction due to temperature fluctuations. A feed-in terminal is provided for power input.

●For 60A, 150A, and 200A.



For 60A and 150A connections: up to 50mm² (crimp-on terminal).
For 200A connections: up to 100mm².
Crimp-on terminal not included.

●For 300A

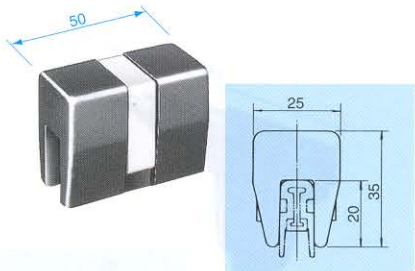


For 300A connections: up to 150mm² or 100mm²×2.
Crimp-on terminal not included.

Cat. No.	Type	Weight (kg)	Units per box	Units per carton
DH5512K	For 60A, 150A	0.75	1	3
DH5522K	For 200A	1.2	1	3
DH5532	For 300A	1.2	1	3

Center fixed insulator

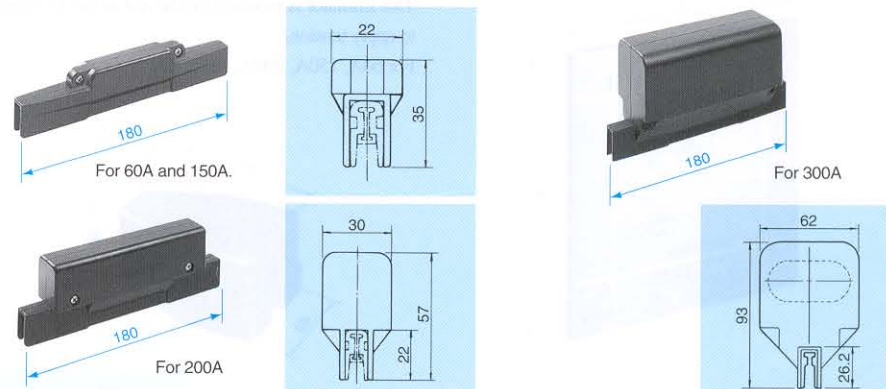
(with ϕ 5mm knockpin)
When the Tro-Reel is installed along a horizontal curve, this insulator is attached between the straight section and the curved section to apply tension to the straight section.
For 60A, 150A, 200A, and 300A.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH5515	0.06	3	90

Joiner

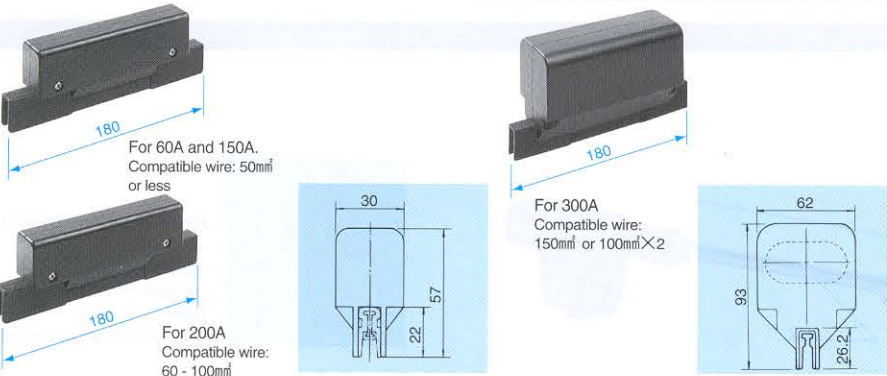
Used to connect Tro-Reel units. (Feed-in terminal not included.)



Cat. No.	Type	Weight (kg)	Units per box	Units per carton
DH5561K	For 60A, 150A	0.13	1	10
DH5563K	For 200A	0.4	1	20
DH5566	For 300A	0.4	1	6

Center feed-in joiner

(with feed-in terminal and ϕ 5mm knockpin)
Used to feed power from anywhere on the line and connect the Tro-Reel units.

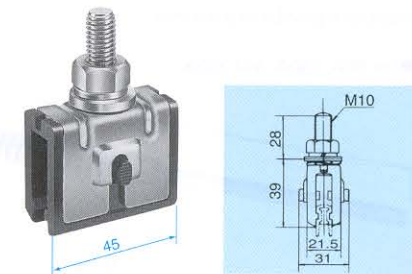


Cat. No.	Type	Weight (kg)	Units per box	Units per carton
DH5562K	For 60A, 150A	0.35	1	20
DH5564K	For 200A	0.73	1	20
DH5565	For 300A	0.53	1	6

Standard hanger

This hanger is a support bracket used to attach the Tro-Reel units to a building structure.
For 60A, 150A, 200A, and 300A.

Note: When using in locations where it may come into direct contact with cutting oil, etc., or in acidic atmospheres, strength may be diminished.

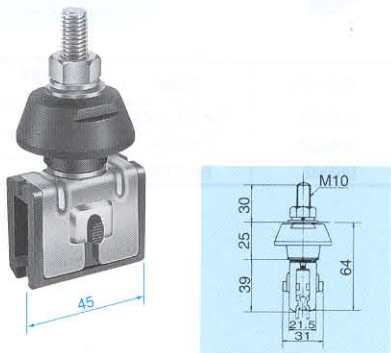


Cat. No.	Weight (kg)	Units per box	Units per carton
DH5516	0.12	30	120

Hanger with insulator

Used to attach the Tro-Reel units to a building structure. Especially effective for installation outdoors and in dusty places.
For 60A, 150A, 200A, and 300A.

Note: When using in locations where it may come into direct contact with cutting oil, etc., or in acidic atmospheres, strength may be diminished.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH5517	0.17	20	80

Hanger with porcelain insulator

For use in locations where corrosion resistance is especially important, such as coastal areas, cement plants, and sewage treatment facilities.
For 60A, 150A, 200A, and 300A.

Note: When using in locations where it may come into direct contact with cutting oil, etc., or in acidic atmospheres, strength may be diminished.



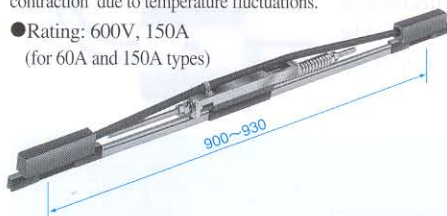
Cat. No.	Weight (kg)	Units per box	Units per carton
DH5520	0.7	—	20

●Porcelain insulator attributes
W-skirt type insulator featuring high resistance to salt, dust and moisture.
Voltage resistance: 15kV, 2 minutes
Voltage resistance when subjected to water: 8kV, 1 minute

Intermediate tension insulator

Used for intermediate tension support on circular lines and straight lines longer than 100m. It absorbs expansion and contraction due to temperature fluctuations.

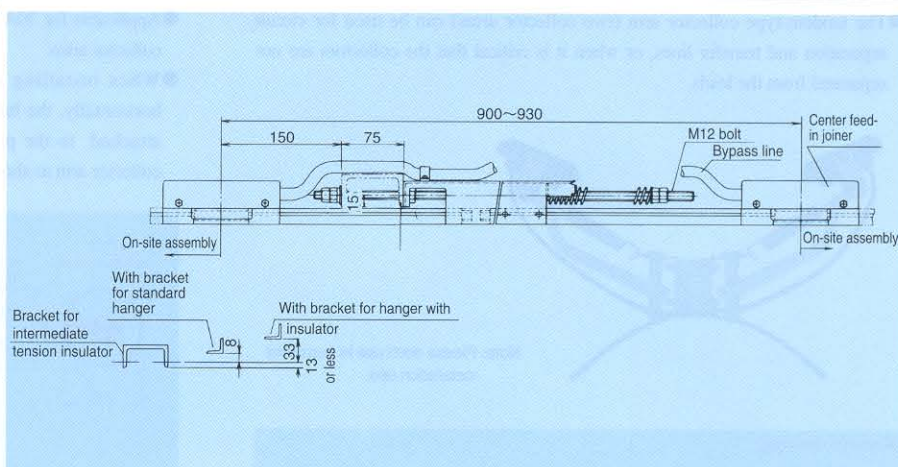
- Rating: 600V, 150A
(for 60A and 150A types)



- Rating: 600V, 200A
(for 200A type).
With two jumper wires.



- Rating: 600V, 300A
(for 300A type).
With two jumper wires.

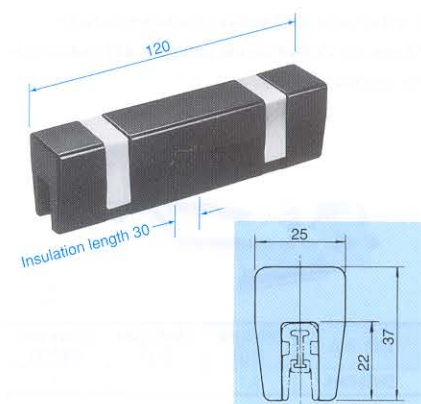


Cat. No.	Type	Weight (kg)	Units per box	Units per carton
DH5552K	For 60A, 150A	2.9	1	3
DH5553K	For 200A	3.0	1	3
DH5554	For 300A	4.5	1	3

Note: An intermediate tension insulator must be used together with a center fixed insulator.

Insulating piece

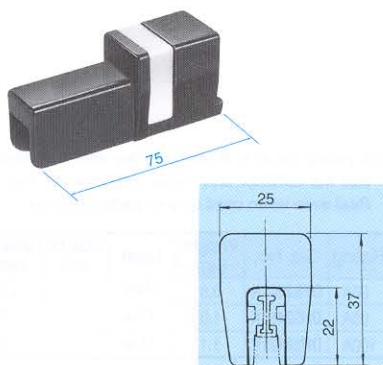
Used for electrical circuit separation.
For 60A, 150A, 200A, and 300A.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH5582	0.13	3	45

Guide cap

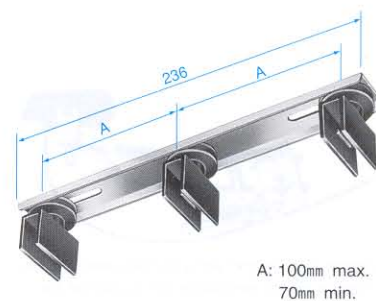
This guide cap guides the collector arm during transfers via turntables, traversers and similar applications.
For 60A, 150A, 200A, and 300A.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH5581	0.07	3	30

Spacer

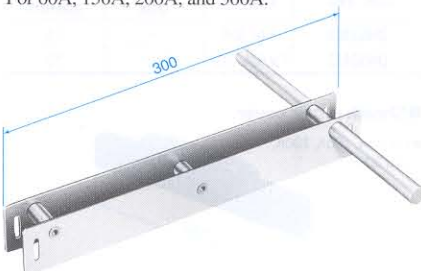
Used as a backing support for the Tro-Reel unit to prevent shifting and inclination.
For 60A, 150A, 200A, and 300A.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH5518	0.18	5	20

Straightener

Used to straighten the Tro-Reel unit when removed from the coil package.
For 60A, 150A, 200A, and 300A.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH5538K	0.72	1	20

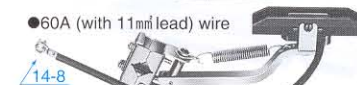
Collector arm

Attached to the moving equipment and used to supply power from the Tro-Reel unit to the equipment.

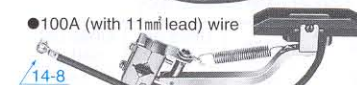
- 30A (with 5.5mm lead) wire



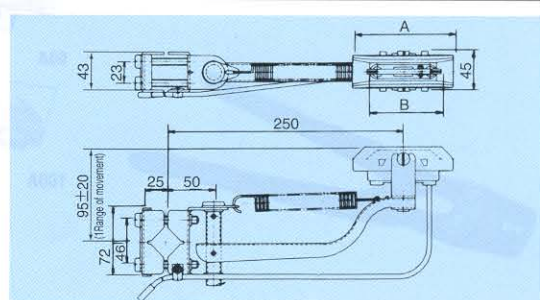
- 60A (with 11mm lead) wire



- 100A (with 11mm lead) wire



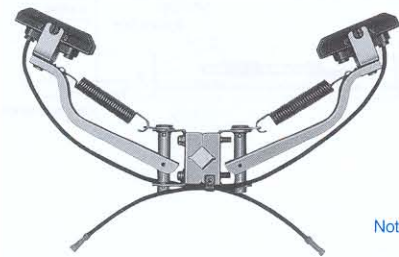
Note: When used together with a stainless steel unit, the rated current of the collector arm is one-half that shown in the table at right.



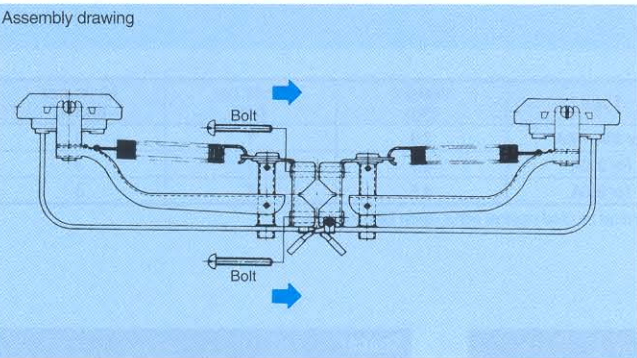
Cat. No.	Rating	Tro-Reel minimum curve radius	Weight (kg)	A	B	Units per box	Units per carton
DH5240K	30A	800mm	0.8	105	77	1	3
DH5241K	60A	1,200mm	1.0	158	76	1	3
DH5242K	100A	2,400mm	1.1	158	118	1	3

Tandem type

- The tandem-type collector arm (two collector arms) can be used for circuit separation and transfer lines, or when it is critical that the collectors are not separated from the leads.



Note: Please don't use in horizontal installation use.



Centering-type collector arm

A type of collector arm to be used for a line that has a transfer area with a pickup guide.



Note: When used together with a stainless steel unit, the rated current of the collector arm is one-half that shown in the table at right.

※A pickup guide is a special-order item that ensures that the collector arm slides smoothly into the Tro-Reel even when used only on parts of the line.

Rating	Cat. No.	Weight (kg)	Lead	Units per box	Units per carton
30A	DH52401K	0.8	5.5mm ²	—	3
60A	DH52411K	1.0	11mm ²	—	3
100A	DH52421K	1.1	11mm ²	—	3

Sheath cutter for Tro-Reel

This labor-saving tool makes it possible to cut the insulating sheath of the Tro-Reel units with just one hand.

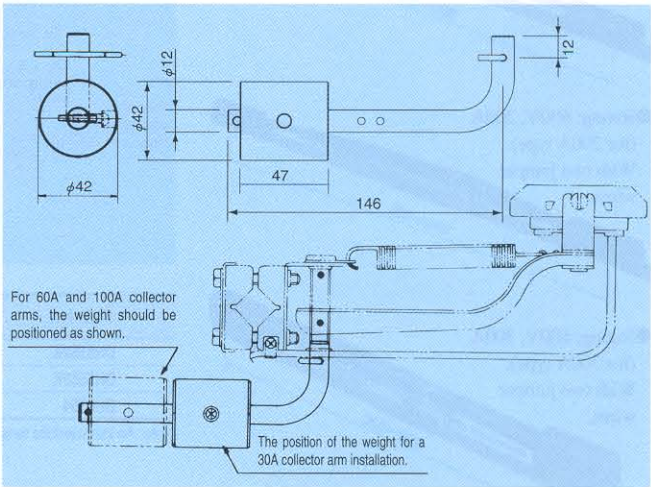
Note: Not for use with the 300A type Tro-Reel.



Cat. No.	Units per box	Units per carton
DH5575K	1	10

Horizontal balancer

- Applicable for 30A, 60A, and 100A collector arms.
- When installing a collector arm horizontally, the balancer should be attached to the pivot shaft of the collector arm as shown.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH5245K	0.66	1	20

Conductor cleaner (with arm)

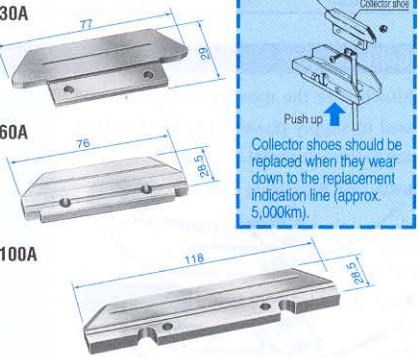
Used to clean the Tro-Reel conductor surfaces. Mount the cleaner on the collector arm mount rods for periodic cleaning.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH52409K	0.7	—	1

Replacement parts

●Collector shoe



●Material : Copper base sintered alloy

Cat. No.	Rating	Units per box	Units per carton
DH5320	30A	10	100
DH5321	60A	10	100
DH5322	100A	10	100

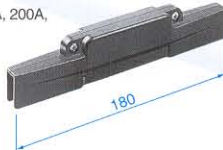
●Collector head holder



Cat. No.	Rating	Units per box	Units per carton
DH52403	For 30A	—	15
DH52413	For 60A, 100A	—	10

●Sheath repair cover

●For 60A, 150A, 200A, and 300A.



Cat. No.	Units per box	Units per carton
DH5560	1	20

Stainless steel Tro-Reel

For use in locations where corrosion resistance is especially important, such as coastal areas, cement plants, and sewage treatment facilities. For details regarding recommended usage conditions, contact our Electrical Conduits and Wiring Materials Division.

150A stainless steel coiled Tro-Reel unit

- Conductor materials Copper (30mm²) + Stainless steel (5.2mm²)
- Insulating sheath material Rigid PVC (heat resistance: 75°C)
Orange (hazard color),
Munsell
2.5YR6/13



Stainless steel end tension insulator

This insulator applies tension to the end of the Tro-Reel to absorb expansion and contraction due to temperature fluctuations.

Note: When using in locations where it may come into direct contact with cutting oil, etc., or in acidic atmospheres, strength may be diminished.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH5512S	0.75	1	3

Stainless steel standard hanger

Used to secure the Tro-Reel unit to a building structure.

Note: When using in locations where it may come into direct contact with cutting oil, etc., or in acidic atmospheres, strength may be diminished.

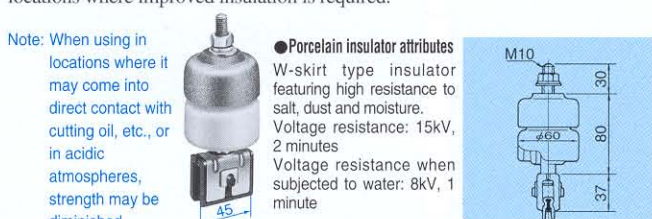


Cat. No.	Weight (kg)	Units per box	Units per carton
DH5516S	0.12	30	120

Hanger with porcelain insulator

Used in coastal areas, cement plants, sewage treatment facilities and other locations where improved insulation is required.

Note: When using in locations where it may come into direct contact with cutting oil, etc., or in acidic atmospheres, strength may be diminished.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH5520	0.7	—	20

Cat. No.	Product	Weight (kg)	Carton dimensions (mm)
DH5450S	100m coil	45	1475×1475×50
DH5458S	80m coil	37	1340×1340×50
DH5456S	60m coil	27.5	1340×1340×50
DH5454S	40m coil	19.7	1140×1140×50
DH5451S	10m coil	5.5	1000×1000×50

Note: Available in coil form only.

Stainless steel intermediate tension insulator

Used for intermediate tension support on circular lines and straight lines longer than 100m. Applies tension to the Tro-Reel unit to absorb expansion and contraction due to temperature fluctuations.

Note: When using in locations where it may come into direct contact with cutting oil, etc., or in acidic atmospheres, strength may be diminished.



Cat. No.	Rating	Weight (kg)	Units per box	Units per carton
DH5552S	30A~150A	2.92	1	3

Stainless steel hanger with insulator

Used to secure the Tro-Reel unit to a building structure in outdoor installations or in locations subject to excessive dust.

Note: When using in locations where it may come into direct contact with cutting oil, etc., or in acidic atmospheres, strength may be diminished.



Cat. No.	Weight (kg)	Units per box	Units per carton
DH5517S	0.17	20	80

Stainless steel collector arm

Used to secure the Tro-Reel unit to a building structure in outdoor installations or in locations subject to excessive dust.



Note: When used together with a stainless steel unit, the rated current of the collector arm is one-half that shown in the table below.

Cat. No.	Rating	Weight (kg)	Units per box	Units per carton
DH5240S	30A	0.8	1	3
DH5241S	60A	1.0	1	3
DH5242S	100A	1.1	1	3