

High-Tro-Reel

<Tension Type>

Multi-Lead Indoor-Use Insulated Trolleys CE

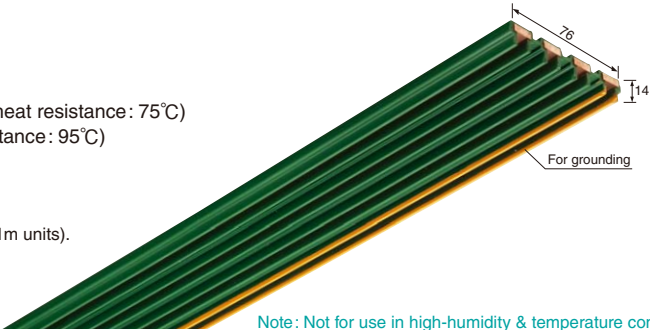


60A/90A/150A/200A High-Tro-Reel units (for indoor use only)

- Rating 4P600V 60A/90A/150A/200A
- Rated insulation voltage 630V
- Conductor material
 - 60A Steel (8mm) + Copper (20mm)
 - 90A Copper (28mm)
 - 150A/200A Both copper (44mm)
- Insulating sheath material
 - 60A/90A/150A Rigid vinyl chloride (heat resistance: 75℃)
 - 200A Rigid vinyl chloride (heat resistance: 95℃)
 - Green (Munsell 0.1G 4.4/4.4)
 - Yellow (Munsell 2.1Y 8/14)

DH96 custom-made U

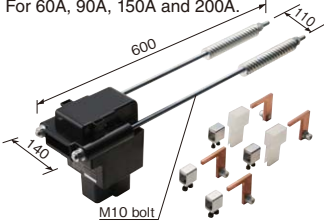
Four types (60A, 90A, 150A and 200A), produced at designated lengths (in 1m units).
 Maximum designated length
 60A : 100m
 90A : 95m
 150A : 65m
 200A : 60m



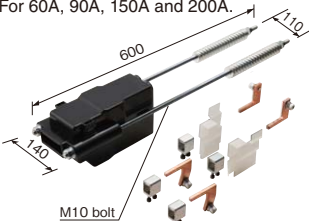
End tension insulator

Attached to both ends of the High-Tro-Reel unit to absorb expansion and contraction due to temperature fluctuations.
 For 60A, 90A, 150A and 200A

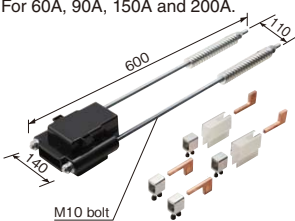
- With feed-in terminal (Cable side-out type).
For 60A, 90A, 150A and 200A.



- With feed-in terminal (Cable bottom-out type).
For 60A, 90A, 150A and 200A.



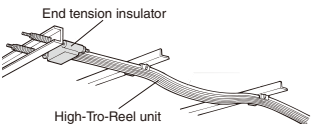
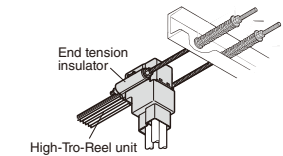
- Without feed-in terminal.
For 60A, 90A, 150A and 200A.



After setting the High-Tro-Reel unit, the terminal, and the terminal plate in the end tension insulator. The terminal plate and the terminal where fixed bolt M6x12 was tightened with the specified torque cannot be used again.

Don't use them again.

Please in quire of store purchased when the terminal and the terminal plate are necessary.



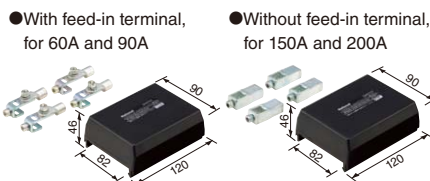
Cat. No.	Type	Weight (kg)
DH57042K	For 4P	2.1

Cat. No.	Type	Weight (kg)
DH57044K	For 4P	2.1

Cat. No.	Type	Weight (kg)
DH57142K	For 4P	2.0

Joiner

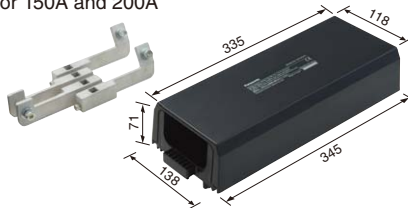
Used to connect the High-Tro-Reel units.
Can also supply power from anywhere on the line.
(60A and 90A types)



Cat. No.	Type	Rating	Weight (kg)
DH5724K2	For 4P, 60A/90A	4P600V90A	0.31
DH5727K1	For 4P, 150A/200A	4P600V200A	0.26

Center feed-in joiner

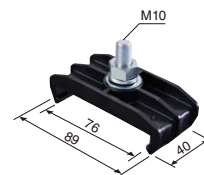
Used to feed power from anywhere on the line
and connect the High-Tro-Reel units.
For 150A and 200A



Cat. No.	Type	Rating	Weight (kg)
DH57271	For 4P, 150A/200A	4P600V200A	2.2

Hanger

Used to mount the High-Tro-Reel units on the side
of a rail. Can also be used with tension type units.
Standard support interval is 400mm.



Cat. No.	Type	Weight (kg)
DH5774K2	For 4P	0.07

Collector arm

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

	A
30A	55
60A	70
100A	95



●Tandem type, downward-facing

Cat. No.	Rating	Weight (kg)
DH57443GY2	4P600V30A × 2	2.0
DH57473GY2	4P600V60A × 2	2.2
DH57423GY2	4P600V100A × 2	2.4

Collector arm support parts for transverse

Applicable for 30A, 60A, and 100A collector arms.
When installing a collector arm horizontally,
mounted collector arm support parts for transverse
on base of the collector arm as shown.

Note: This product does not carry the CE mark.

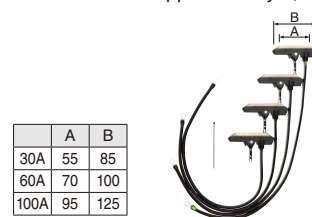


Cat. No.	Weight (kg)	Units per box	Units per carton
DH5249K	0.13	1	24

Collector (replacement parts)

Used to replace the collector on a collector arm
when it becomes worn.

The collector should be replaced when it wears
down to the replacement indication line. Typical
collector service life is approximately 5,000km.



	A	B
30A	55	85
60A	70	100
100A	95	125

Cat. No.	Rating	Weight (kg)
DH5784GY	4P600V30A	0.30
DH5787GY	4P600V60A	0.44
DH5782GY1	4P600V100A	0.67

EN Specifications (European specifications)



■Applicable EN standards for insulated trolleys

EN60204-1: Electrical equipment of machines
EN61439-1,6: Low-voltage switchgear and
controlgear assemblies
EN61534-1: Powertrack systems

■Contents of specifications and measures adopted

- POINT** 12.7.2 Protective conductors
The continuity to protective conductors using sliding contacts shall be ensured by taking appropriate measures (for example, duplication of the current collector, continuity monitoring).
- POINT** 13.2 Identification of conductors
13.2.1 General requirements
Each conductor shall be identifiable at each termination in accordance with the technical documentation.
- POINT** 13.2.2 Identification of the protective conductor/
protective bonding conductor
The protective conductor/ protective bonding conductor shall be readily distinguishable from other conductors by shape, location, marking, or colour.

→ The construction of collector arm only adopts tandem type.

→ A collector arm for grounding is designated, so grounding unit is clearly identifiable.

→ A grounding unit is available in a green basic background color with yellow lines.