

Collector Block

Improves efficiency and safety of conveyor lines.

Conveyor lines, essential for aging and product inspection, used to have the following problems:

- Collectors tended to have poor contact and frequently separated from wires.
- Collectors wore out easily and needed frequent replacement.
- Charging parts were fully-exposed, increasing electric shock hazard.

Panasonic Electric Works has developed new collectors and charging parts that eliminate these problems. These new products are guaranteed to improve the efficiency and safety of your conveyor lines.

■ Improved reliability in contact areas.

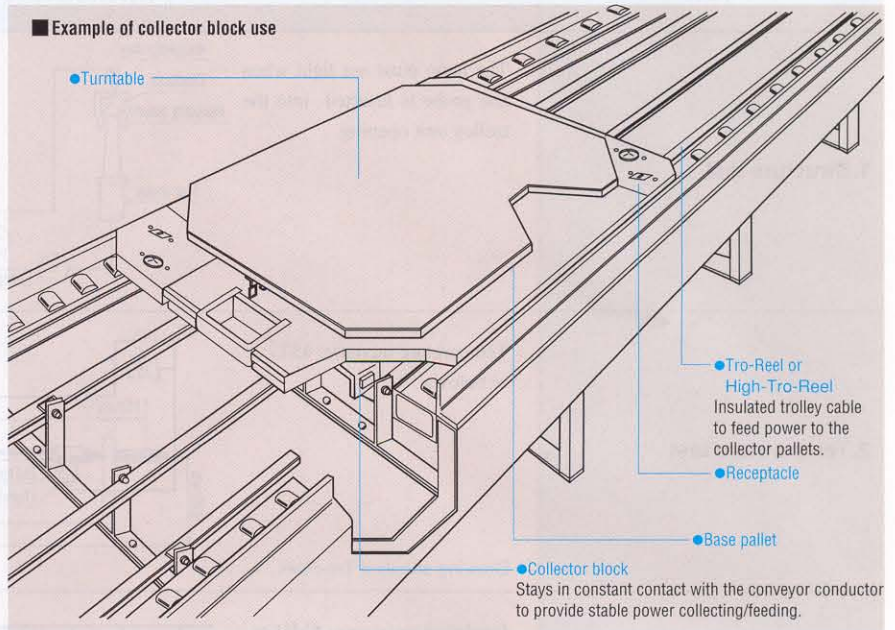
The contact pressure between the collector and the conductor is kept at a constant level, minimizing separation from wires and derailing.

■ Collectors with superior abrasion resistance.

Collectors have extremely high endurance, require replacement less often, and ensure easy maintenance and inspection.

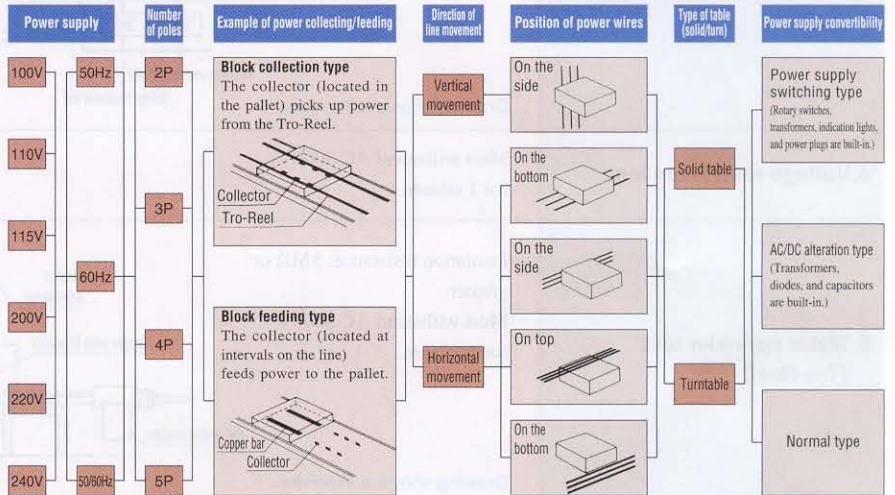
■ Insulated trolleys provide enhanced safety.

Insulated trolleys, such as Tro-Reel and High-Tro-Reel (in which conductors are protected by an insulated cover), are used on charging sections to prevent electric shock and short circuiting.



■ Product system

A wide variety of items for all kinds of power types and positions, test types, test products, and other line conditions.

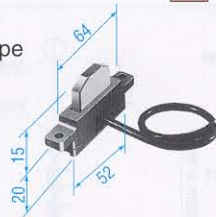


■ Collector block

A-type



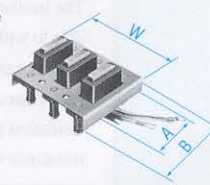
B-type



D-type



C-type



Types	W	A	B
2P	61	60	80
3P	94	60	80
4P·5P	150	90	120

Pictures show 3p collector blocks

■ Product lines

Type	Use	Coil spring pressure	Rated current	Cat. No.
A-Type	Collect power from Tro-Reel	100g×2	5A	DH6811K1
		200g×2		DH6821K1
B-Type	Collect/feed power from/to copper bar	100g×2	5A	DH6812
		200g×2		DH6822
D-Type	Collect/feed power from/to copper bar	350g×2	15A	DH6832
		100g×2		5A
C-Type	Collect/feed power from/to copper bar	200g×2	20A	
		400g×2/H1P		DH6824
				DH6825
				DH6826
				DH6827

■ Collector block specifications (same for A, B, D, and C type)

Rating	Voltage	300V AC
	Current	5A, 15A (for certain B-types), 20A (for C-type)
Insulation resistance		100MΩ at 20°C (500V DC megohmmeter)
Withstanding voltage		1,600V for one minute
Temperature increase		55 degrees or less
Environment	Ambient temperature	-10°C to 40°C
	Ambient humidity	85% or less
Life		3,000km
Collector speed		0.5~10m/min.

● A-type and D-type with lead at the bottom are available by special order.