



Electric Connection device on Railway Vehicle

Jumper Coupler

Railway Vehicle
jumper plug & connector
series

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BRIEF

Bayonet type Jumper Coupler (3P, 4P, 74P)

This series of connectors are for connection of main power lines or signal lines between railway vehicles, and can be used for airplane, ship or other industries. Those are developed and manufactured according to the standard of VG95234. As a coupling method, bayonet type is adopted on these Jumper Couplers which can be connected or disconnected very rapidly, easily and precisely. On the other hand, these products are very excellent against water infiltration and vibration.

High voltage Jumper Coupler(1P)

This product is for supplying electric power to high voltage equipments on railway vehicles, and for airplane, ship or other industries. Coupling work can be done very rapidly and precisely by one-touch, and further more it is very strong enough against water infiltration, vibration and shock.

Low tension Earth Junction Box


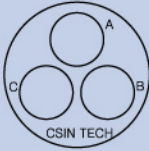
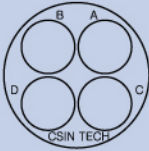
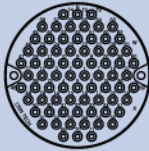
This is a junction box for connection of low voltage signal wires, auxiliary power wires and grounding wires between cars, as a coupled unit with jumper coupler of which to be mounted at the end of car. These products are manufactured very rigidly to withstand against continuous vibration and shock.





DETAILS

Our Jumper Couplers are strong enough to withstand sufficiently against repeating vibration and mechanical shock occurring on railway vehicle, and manufactured to be durable for long life together with vehicle. Due to its complete water proof performance, it is also very excellent against contamination from outside dust to allow surrounding environment. Therefore, these products meet those standard requirements fully through thorough tests for water proof, vibration proof and torsion proof, etc.

Item		1P	3P	4P	74P
Front View					
Pin size (AWG)		Special	#4/0	#4/0	#16
Service voltage	DC	2,450V	2,450V	1,250V	700V
	AC	1,750V	1,750V	900V	500V
Test voltage (AC)		4,500V	4,500V	2,800V	2,000V
Pin rating	Max voltage drop	53mV	53mV	53mV	74mV
	Max allowable current	750A	400A	400A	22A
	Rated current	660A	225A	225A	13A
Waterproof		IP67			
Durability test		500 Cycle			
Contact material		Copper Alloy			



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