

Patents, Certificates and Test Results



Features & Advantages

Award-Winning Technology

One of the more differentiated technologies is geometrically designed and highly expanded contact area to cover high ampere including high and low voltage. It also differentiates no power loss when it comes to joining two wires together, different from the past legacy connector showing about 20-30% of current loss.



Only 5 seconds needed

AlphaO's non-stripping electric wire connector is a new kind of wire cap or connector for wire-to-wire connections so that the break-through time reduction in wiring could be benefited.



Exclusive Tool

For bigger than IT-33 connectors, Recommended to use : ATMAN Plier / Model : AT-3a



NSEC: Non-Stripping Extended Connector



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AlphaO-Connector
NSEC: Non-Stripping Extended Connector

AlphaO

Connect
In safer and easier way to
join separated things together



www.alphao.kr

AlphaO connector connection process



Prepare Connector

The corresponding connector should be prepared according to the relevant size of wires indicated in the bottom outside.

Place Wires

The wires to be connected are placed in the cap side, not in the terminal side. They are easily placed in the grooves.

* To use as T-type, remove the embossed part. (IT-33 to IT-55 products)



Crimp Down

Any crimping tool you have is used evenly press down the covers. Connectors bigger than IT-33 are to be done by using a recommended crimping tool.



Complete Perfect

The wires are connected safe and perfect. The work guarantees electric conductivity by making free from tensile strength, vibration and noise.



Product List

Specifications

Model	Direct Connection One to One								Select Connection One to One & T-Tap				Dual Connection Two to Two		Multi Terminal Connector	
	I-11	I-22	T-11	T-22	T-23	T-31	T-32	IT-33	IT-43	IT-44	IT-54	IT-55	DI-21	DI-22	MC-36	Y-45
Wire Size	Capable		Capable		Capable		Capable		Capable		Capable		Capable		Capable	
Wire Size	0.2 ~ 0.6	0.5 ~ 0.75	0.2 ~ 0.6	0.5 ~ 0.75	0.5 ~ 0.75 0.2 ~ 0.6	1.0 ~ 2.5 0.2 ~ 0.6	1.0 ~ 2.5 0.5 ~ 0.75	1.0 ~ 1.5	2.0 ~ 2.5 1.0 ~ 1.5	2.0 ~ 2.5	3.5 ~ 4.0 2.0 ~ 2.5	2.0 ~ 2.5	0.5 ~ 0.75(2) 0.2 ~ 0.5(2)	0.5 ~ 0.75(2) 0.5 ~ 0.75(2)	1.25 ~ 2.5	2.0 ~ 4.0
Wire Size	26 ~ 22	20 ~ 18	24 ~ 22	20 ~ 18	20 ~ 18 24 ~ 22	16 ~ 14 24 ~ 22	16 ~ 14 20 ~ 18	14	14 16	14	12 ~ 10 14	12 ~ 10	20 ~ 18 24 ~ 22	20 ~ 18	16 ~ 14	14 ~ 10
Color	White	White	Grey	Grey	Grey	Grey	Grey	Yellow	Yellow	Red	Red	Blue	Black	Light Blue	Green, Red, Blue	Blue
Max. Current (Standard)	6	9	6	9	6	6	9	17	17	24	24	32	6	9	24	32
Weight (g)	0.56	0.88	0.53	0.86	0.67	1.53	1.73	1.14	1.48	1.71	1.89	2.23	1.8	1.8	5.3	1.2
Width x Height x Depth (mm)	8.6 x 9.5 x 6.2	10.6 x 10.6 x 8	8.6 x 9.5 x 6.2	10.6 x 10.6 x 8	9.8 x 10.6 x 7.2	13.6 x 13 x 9.7	14.9 x 13.2 x 9.7	12.7 x 11 x 9	13.6 x 11.7 x 10.1	17.8 x 12.2 x 10.3	14.9 x 12.3 x 11.1	16 x 13 x 11.3	13.3 x 15.3 x 7.2	13.3 x 15.3 x 7.2	13.6 x 11.7 x 10.1	22.8 x 9.4 x 9.2
Connector Type	Direct Connection One to One				Branch Connection T-Tap / Junction				Select Connection One to One & T-Tap				Dual Connection Two to Two		Multi Terminal Connector	



AlphaO's non-stripping electric wire connector is a new kind of wire cap or connector for wire-to-wire connections. AlphaO connector is designed so that when two or more wires need to be connected they can be placed into the holes and no loss of electric power is affected. There is no stripping, cutting (burning) or twisting of the wires involved. The most basic shape is a small rectangular plastic box, but they have a variety of sizes and designs for different uses and power loads that range from low to high amps.