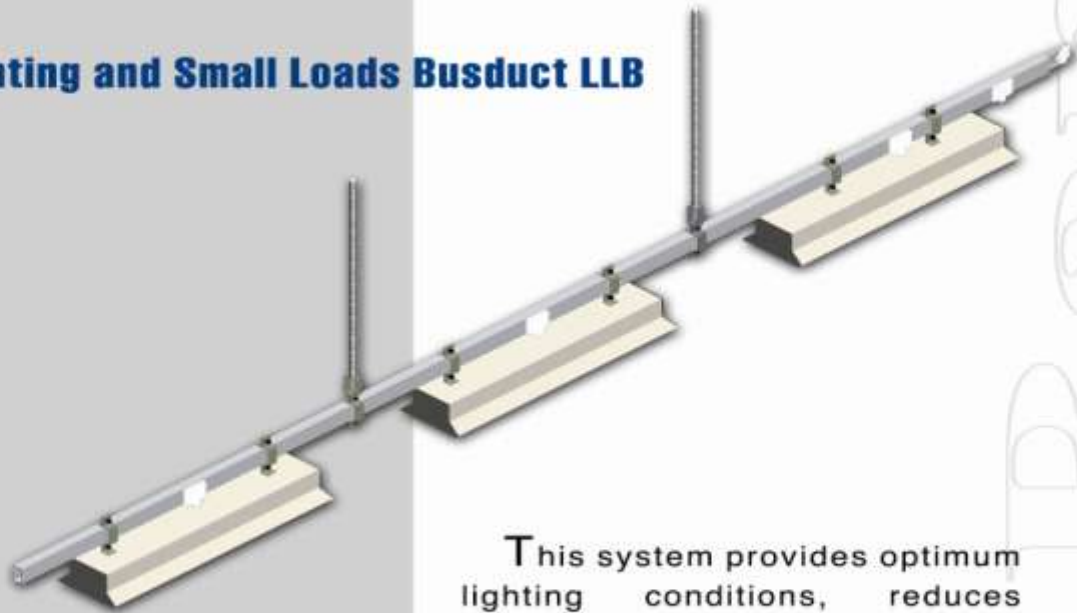


Lectro Lighting and Small Loads Busduct LLB



The installation of this system eliminates the need for fitting cable trays or racks and possibly more importantly, for laying separate cables for each individual load.

The system can be used to feed numerous small loads, power socket circuits and strip lighting, for example: workshop machinery, sewing rooms, repair shops, exhibition, lecture rooms, laboratories and power socket ring mains.

The system can be used to supply the lighting and machines. This combination provides simplicity and economy.

Lighting busducts are widely used specially for large offices, stores, gymnasium, workshops, car parks, hospitals and factories.

This system provides optimum lighting conditions, reduces installation time and equipment cost.

It can be expanded and modified at any time.

The entire system can be removed and used again independently of the ceiling design.

All commercially available lighting fixtures may be connected at any place in the system or exchanged while the system is live.

Busduct enclosures can support the lighting fixtures over a wide area and supply them with power.

Final arrangement of lighting fixtures does not have to be pre-determined exactly since the configuration can be adjusted to the demand very quickly. This also reduce operational costs by installing lighting fixtures only when needed.



System Components

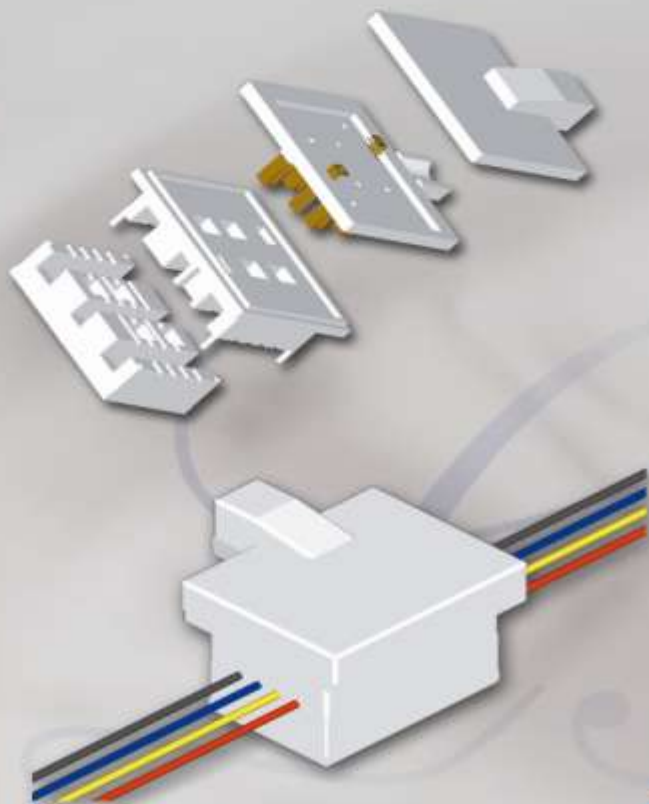
Enclosure: 3 or 6 meters busduct enclosures are formed from special aluminum profile and are used as continuous earth. Standard degree of protection IP43, IP54 or IP55 can also be supplied.

Conductors: Copper bars double insulated with suitable cross section.

End Box: is used to terminate busduct

Elbows: are available to meet the requirements where a quick change of direction is necessary.

Feed Box: is equipped with suitable terminal strip according to the size of conductor, as standard product or with circuit breakers with the same rating as busduct as option.

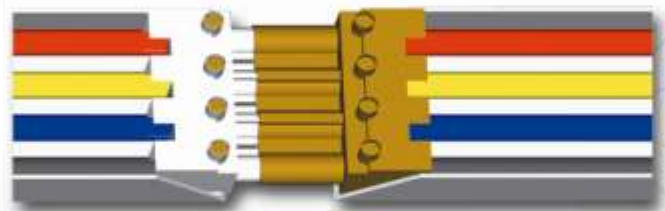


Ampere Rating (A)	Weight (kg)	Short Circuit (kA)
25	.8	15
40	1	15
63	2	15

Assembly

Busduct enclosures can be mechanically and electrically connected in a simple quick way.

Electrical connection is established via plug connector as shown in figure.



Suspension

Busduct enclosures are hanged by mean of adjustable hangers providing quick mean of surface mounting along a ceiling or beam.

Spacing between suspension points is 2 meters.

Adjustable hangers allow changing lighting level even after assembly.

Outlets

Outlets are regularly distributed every one meter as standard or according to the client desire.

Socket outlets are available in two versions: rated upto 16 A 2P+E, and upto 32 A 3P+E.

Sockets can be equipped with fuses as an option.