

ENERGY

WE ENERGIZE
THE WORLD

INTERPHASE SPACERS

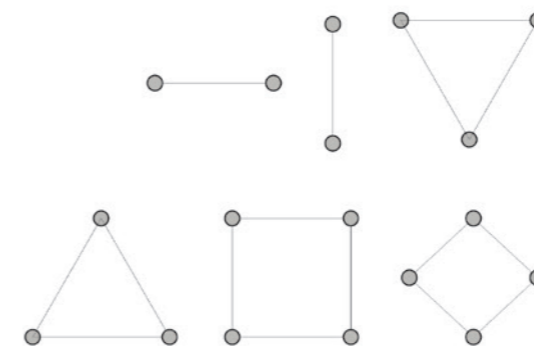
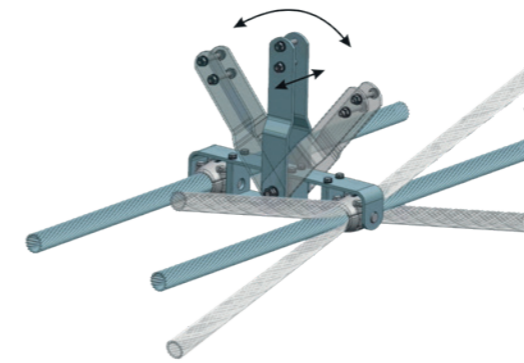
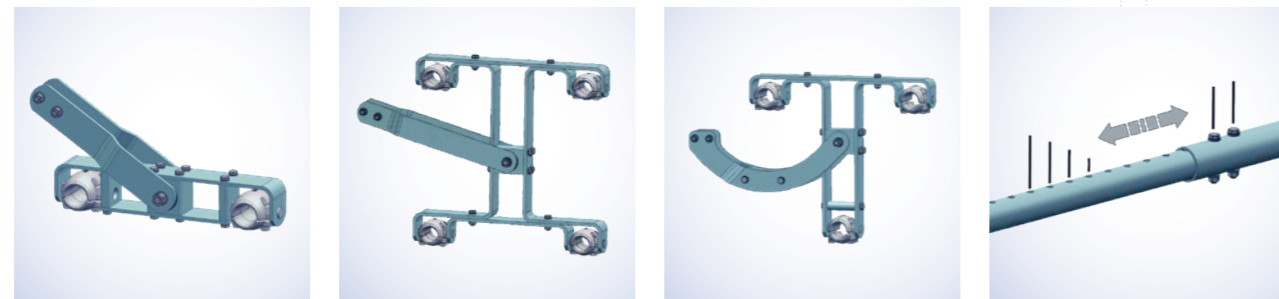
FOR THE SAFE AND RELIABLE LONG-TERM
OPERATION OF OVERHEAD LINES



INTERPHASE SPACERS

FLEXIBILITY BY MODULARITY

FLEXIBILITY BILITY



Mosdorfer IPS are available for all bundle configurations and various phase arrangements.

Phase	Subspan lengths [m]	Phase Distance
Phase 1	108, 152, 180, 160	PD11, PD12, PD13
Phase 2	108, 52, 100, 80, 100, 52, 108	PD21, PD22, PD23
Phase 3	160, 180, 152, 108	

Accurate placement chart

IPS protect your network from mechanical damage.

When we consider long-wave low frequency conductor motions caused by wind and climatic conditions, galloping or conductor dancing as well as ice shedding can occur.

In the most severe cases, low frequency oscillation events can cause collisions of phase conductors, resulting in mechanical damage, power outages and overhead line failure caused by short circuit events. To avoid network damage, Mosdorfer offers a full range of IPS (Interphase Spacers) which have been in service since 2002 worldwide.

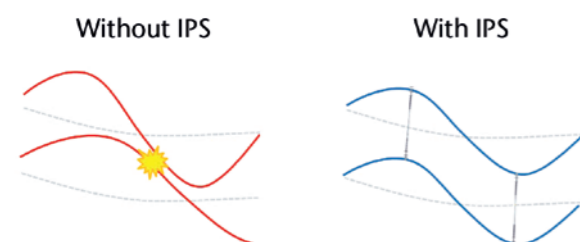
Modular System

Mosdorfer IPS are designed as a modular system to fit the common single, twin, triple and quad-bundle configurations, including variable conductor ranges and phase distances used on standard and high temperature conductors.

Reliability

The IPS are constructed using galvanized corrosion resistant steel bodies with forged high grade Aluminium clamps, designed and developed to withstand unplanned mechanical events, by maintaining conductor separations and system reliability over many years.

Benefits



Flexibility and Controlled Movement

The IPS products are designed to allow controlled movement and flexibility, protecting the conductors against long term service damage, and provide installation flexibility.

Safety

IPS maintain the correct distance between adjacent phases, by utilising a special central bearing element providing controlled articulation and reduced stresses. This bearing is manufactured from vulcanized natural rubber, providing oil, UV and ozone resistance to ensure safe and reliable operation between -30°C to +80°C. An integrated central steel tube reduces abrasions between the bearing element and IPS body. The central element provides adjustment to ensure that actual on-site phase separations can be easily accommodated.

Easy Fitting

Both optimised installation placement recommendations and installation manuals are available for easy fitting. Please contact Mosdorfer for further information.

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