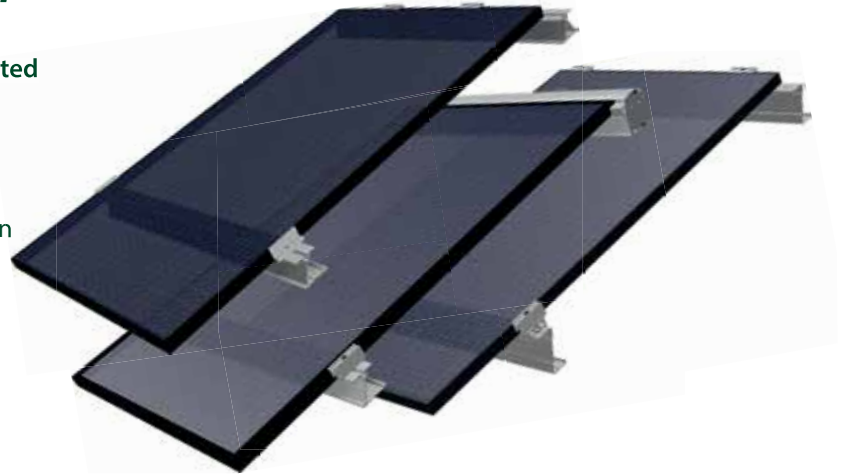


Schletter Kombi system

The inexpensive and efficient ground-mounted system with combined module clamping

- The reduced need for material saves costs
- Can be planned individually in combination with the FS system or the FS steel system (one or two supports)



FS steel

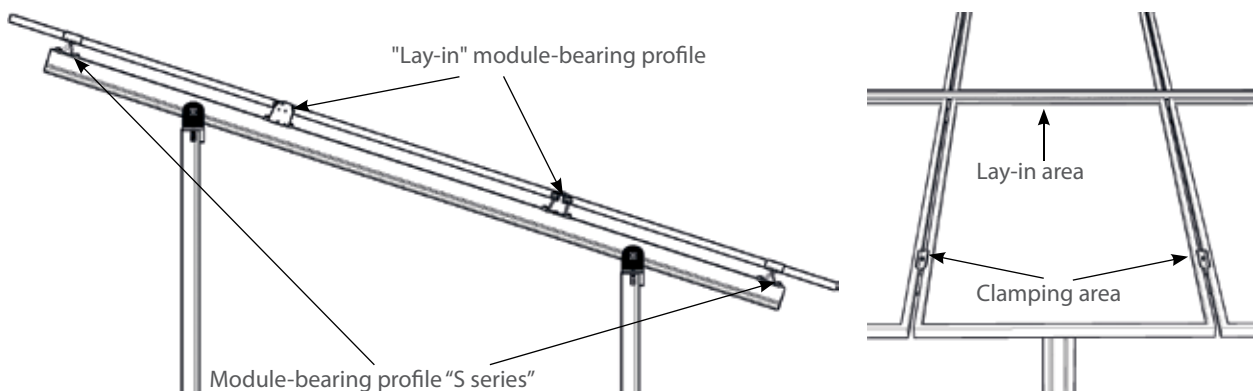
FS system

“System costs” are getting increasingly important for the future success of the solar sector. The most difficult task is the reduction of costs by minimized use of materials and innovative systems that can be mounted quickly and with little effort. The more inexpensive the individual components and the complete systems are, the more competitive solar power will be on the energy market.

Schletter keeps working continuously on new developments in order to meet these requirements. The new **Kombi system** is a further convincing product by Schletter to save costs and maintain the high quality and the structural safety of the solar plant at the same time. The combination of different module clamping techniques in one system saves at least one module-bearing profile (rail) per rack. For a whole solar plant, this can lead to cost advantages of several euros per kWp. The new Schletter Kombi system allows several clamping combinations for the FS and FS steel systems. In the case of the steel variant, however, an additional module clamp adapter has to be applied. For illustration and visualization, below please find three clamping variants:

For the planning of the Schletter Kombi system, an individual module approval by the module manufacturer is required.

Illustration: FS II with clamping at the long side of the module and insertion (lay-in) at the short side of the module



*The terms of guarantee can be referenced at www.schletter.de/AGB_en

Illustration: FS II with clamping at the long side and at the short side of the module

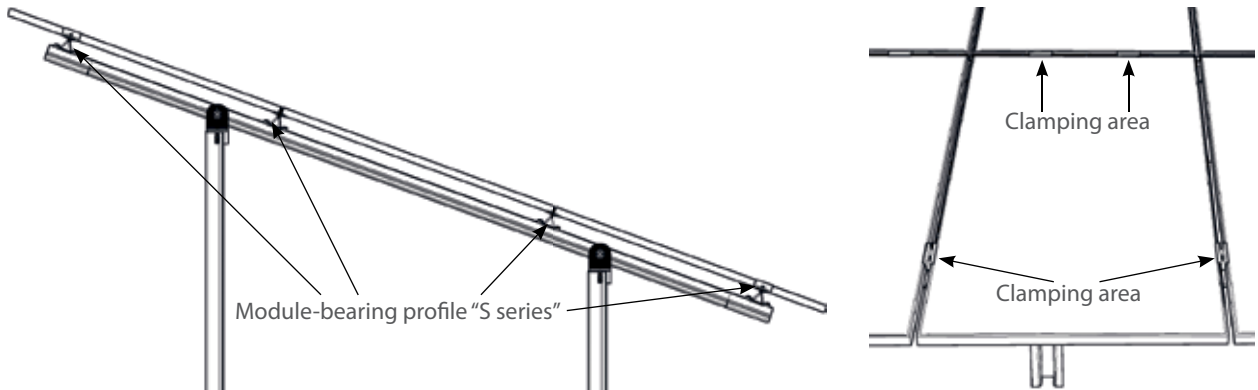
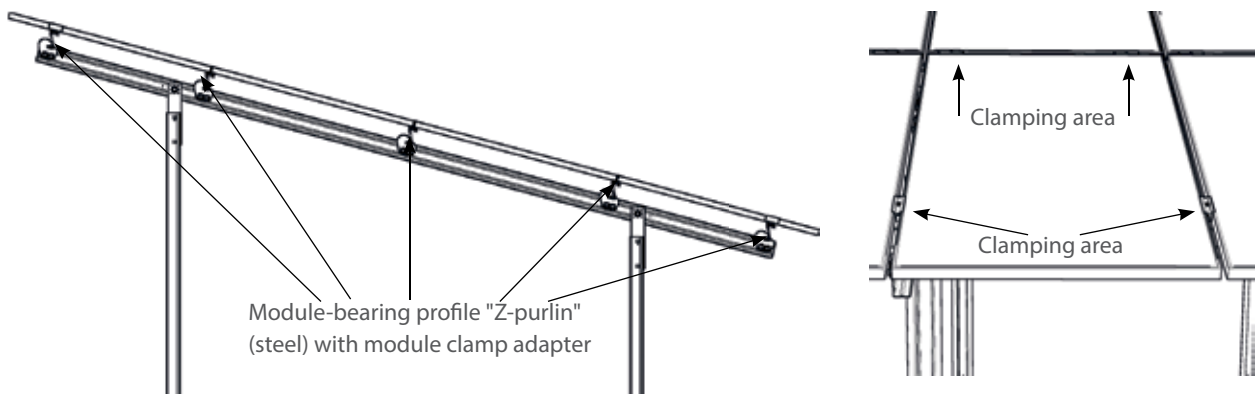


Illustration: FS Duo with clamping at the long side and at the short side of the module using the module clamp adapter



Technical data

Material	Fastening elements, screws/bolts: Steel, hot-dip galvanized or high-grade steel Profiles (rails): Aluminium or steel, hot-dip galvanized
Logistics	<ul style="list-style-type: none"> • Delivery of single components as well as a maximum level of pre-assembly is possible • Transport to the installation site appropriate to the specific kind of mounting
Construction	<ul style="list-style-type: none"> • Quick and easy mounting
Delivery and services	<ul style="list-style-type: none"> • Soil survey and structural analysis of the foundation • Structural analysis of the individual rack based on regional data • Delivery of the complete mounting material • Optional: Rack mounting • Optional: Complete module assembly
Structural analysis	<ul style="list-style-type: none"> • Structural analysis of the respective terrain based upon a geological survey • Individual structural analysis of the system based on regional load values • Load assumptions according to DIN EN 1990 (Eurocode 0), DIN EN 1991 (Eurocode 1), DIN EN 1993 (Eurocode 3), DIN EN 1999 (Eurocode 9) and further respectively corresponding country-specific technical standards • Highly efficient, material-saving rail geometries • Structural verification of all construction components based on FEM-calculation

Further information at: www.schletter.eu