

Product **FOCUS**

Efficiency in Automation

Cable • Connectivity • Cabinet • Control

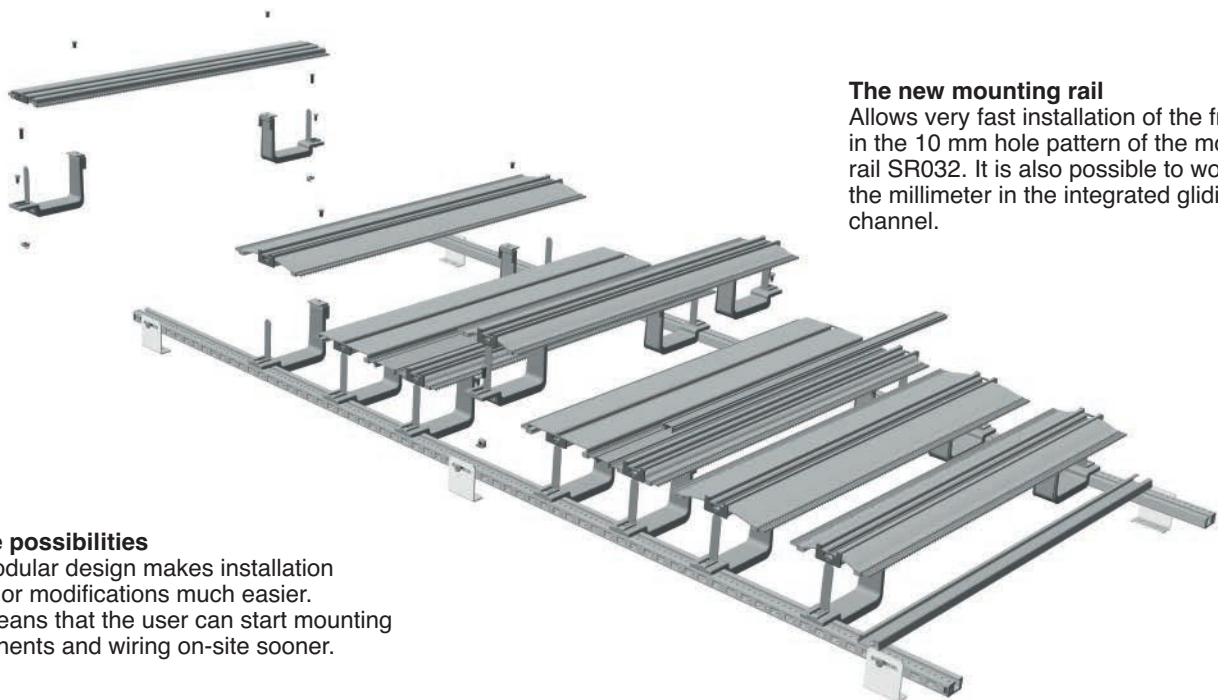
*Air***STREAM** - the modular system by LÜTZE

Do it yourself!



The perfect modular principle

Mounting rails, brackets, comb segments and various rail profiles form the *Air*STREAM modular system for maximum flexibility in the control cabinet. These few elements open up almost endless possibilities for control cabinet designers and builders. Even handling large and heavy components is easy and simple.



The new mounting rail

Allows very fast installation of the frame in the 10 mm hole pattern of the mounting rail SR032. It is also possible to work to the millimeter in the integrated gliding nut channel.

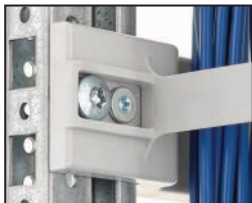
Infinite possibilities

The modular design makes installation on site or modifications much easier. This means that the user can start mounting components and wiring on-site sooner.

Mounting rail - SR032 (Support Rail032)

Fastening option 1:

Double screw connection - fastening in the 10 mm incremental hole pattern. The double screw connection allows heavier loads to be attached to the modules.



Perforated strip pattern -

brackets or other components are attached using self-tapping screws in a 10 mm hole pattern.

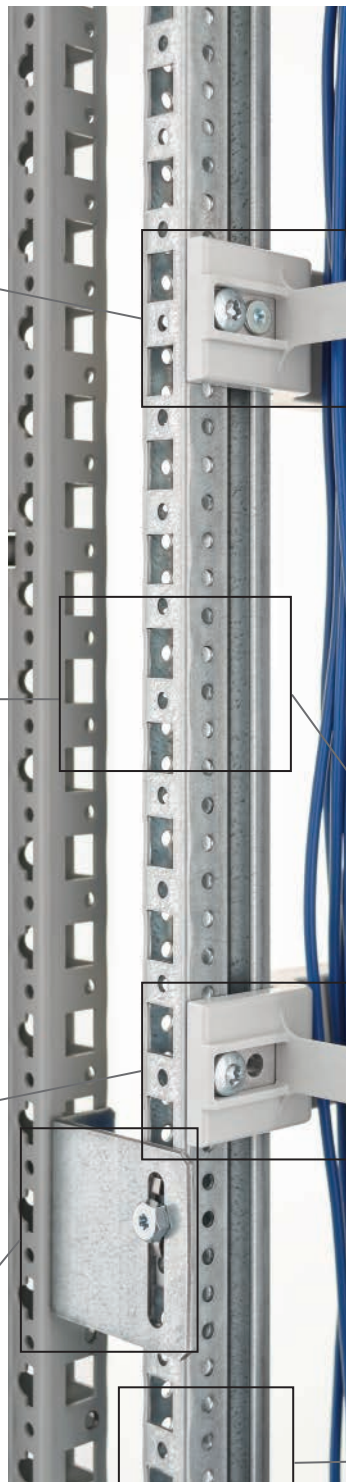


Fastening option 2:

Self-tapping screw connection - fastening in a 10 mm hole pattern without gliding nuts.



Adapter bracket - for mounting the frame in the control cabinet.



Fastening option 3:

Pairing the bolt with the gliding nut inside the gliding nut groove allows fastening at any desired position. Allows for possible future readjustment.



Swivelling gliding nuts -

allows for fastening of the brackets and other components at any desired position.



Cage nut -

is installed into the side cages to fasten adapter brackets.



Edge protection -

Profile end piece with a cut-out for the gliding nut groove to prevent damage to wires on hard edges.



DIY - build frames easily on-site

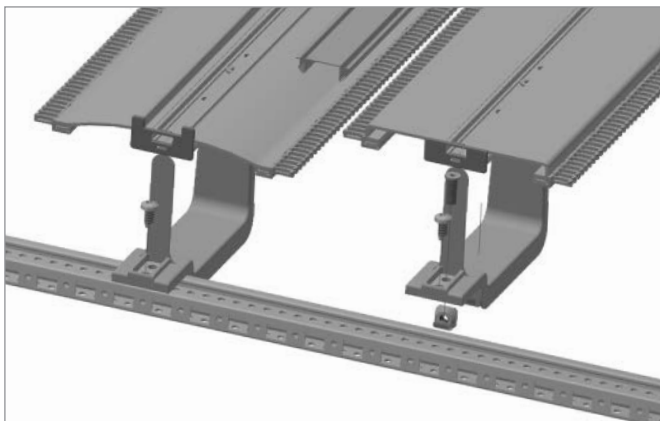
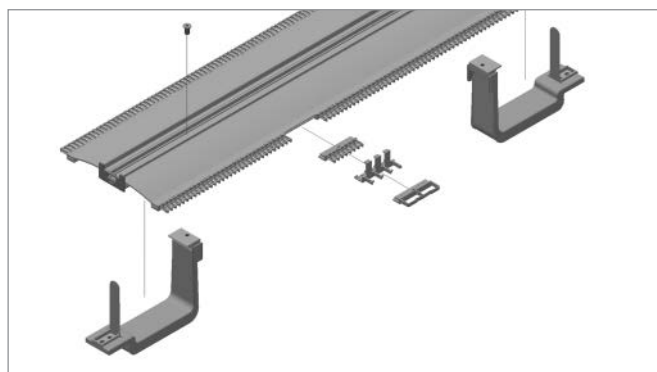
Mounting rail SR032

- Select the mounting rail length or modify it to desired length (*AirSTREAM* Catalog page 22)
- Attach edge protection at the top and bottom
- Align paralleled



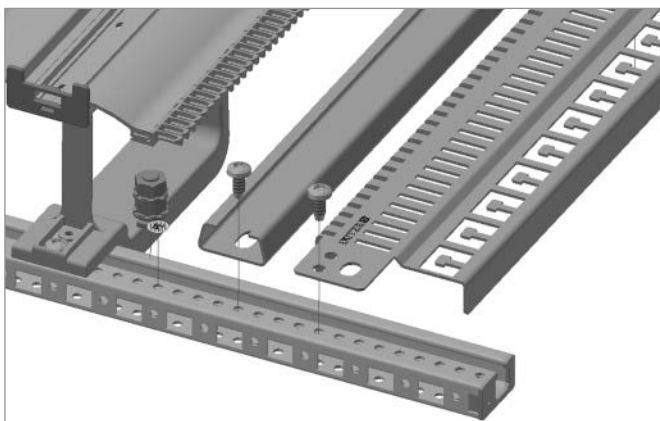
Assemble bracket SR032 and rails into a single piece module

- Select rail profiles depending on the components (*AirSTREAM* Catalog page 36 - 41)
- Rails including combs and edge protection. If combs are replaced or not required, simply remove
- Attach the bracket using flat-head screws (*AirSTREAM* Catalog page 23 - 25)



Mount the modules onto mounting rails to create a frame

- Attach modules in a 10-mm hole pattern using appropriate screws or in the millimeter range in the gliding nut groove
- Position EMC modules or C-rails
- Complete assembly by installing module covers



There is more information in our LÜTZE *AirSTREAM* & *AirSTREAM* Compact Catalog: <https://bit.ly/3nmuspP>

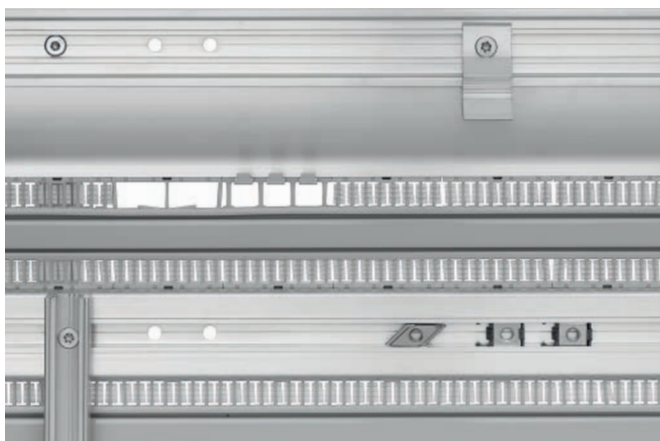


Compatible system accessories

EMC solutions

The control cabinet builder has a variety of EMC compatible wiring accessories to choose from.

Various cable clips (*AirSTREAM* Catalog page 69) or hook and loop adapters (page 56 -57) allow cables to be properly secured and provide neat installation of data cables outside the wiring space. Grid elements allow shielded cables to be placed directly onto the rail profile. Shield clamps serve to create contacts between the shielded cables and the grid elements (page 65 -68) or the EMC rail. Depending on the length, grounding straps (page 63 - 64) can also be used for grounding.



Attachments and modifications

Gliding nuts to be installed in gliding nut channel as well as appropriate screws to attach fixed rails and components. Combs can be switched depending on the wires or cables. Wire holders help install cables behind the rails (*AirSTREAM* Catalog page 44 - 55).

*Air*BLOWER

The *Air*BLOWER fan is an accessory for the *Air*STREAM wiring frame for fast and reliable climate stabilization inside the control cabinet.

The use of an *Air*BLOWER ensures that hotspots inside the control cabinet are avoided (*Air*STREAM Catalog page 72-73).

