

Accommodating cable bending radius

When installing or replacing a Ring Main or Switchgear, sometimes the cable trench is not deep enough to accommodate the cable bending radius. In some cases, there are no cable trenches at all, and the cables are installed on the floor. However, it is a requirement for most Siemens switchgear that when cables enter the cable termination area, they are essentially vertical. If that is not possible due to minimum cable bend radius, one solution is to raise the RMU

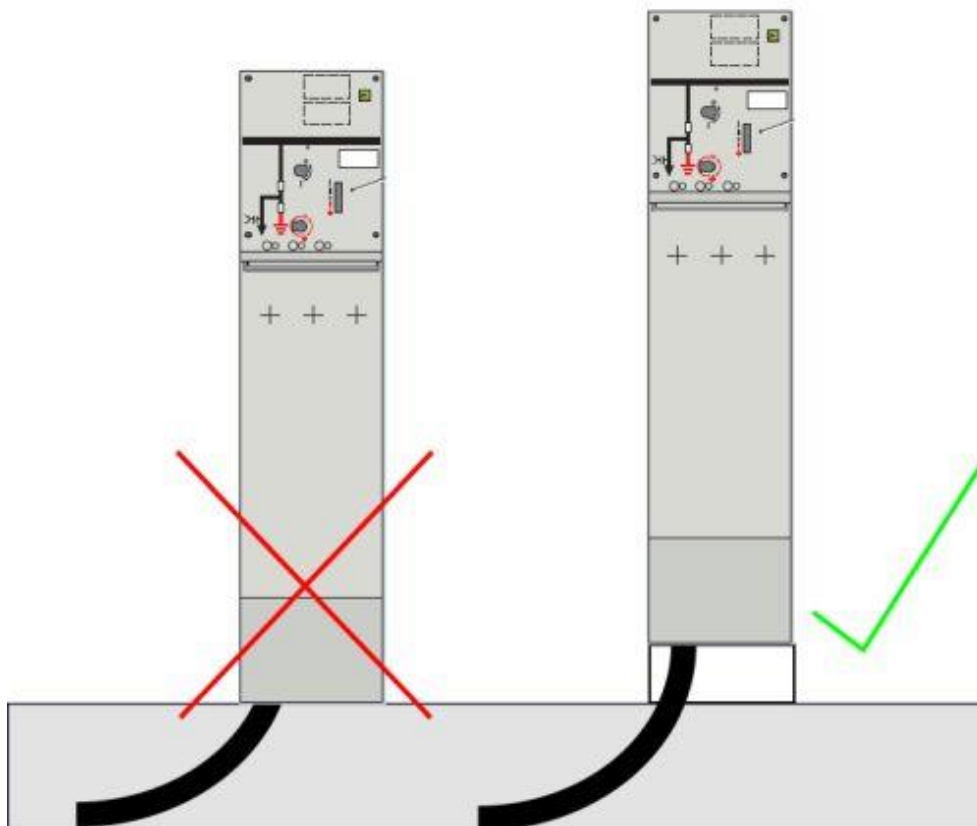


Figure 1. Raise the RMU to provide straight entry of cables

HV Power provide a set of modules that can be bolted under the RMU base to raise it from the floor. The heights that are currently available are 150 mm, 200 mm, and 300 mm. These can be bolted together in any combination to gain the overall required height. The modules are available for the standard switchgear panel widths of 310 mm, 430 mm, 500 mm, and 840 mm.

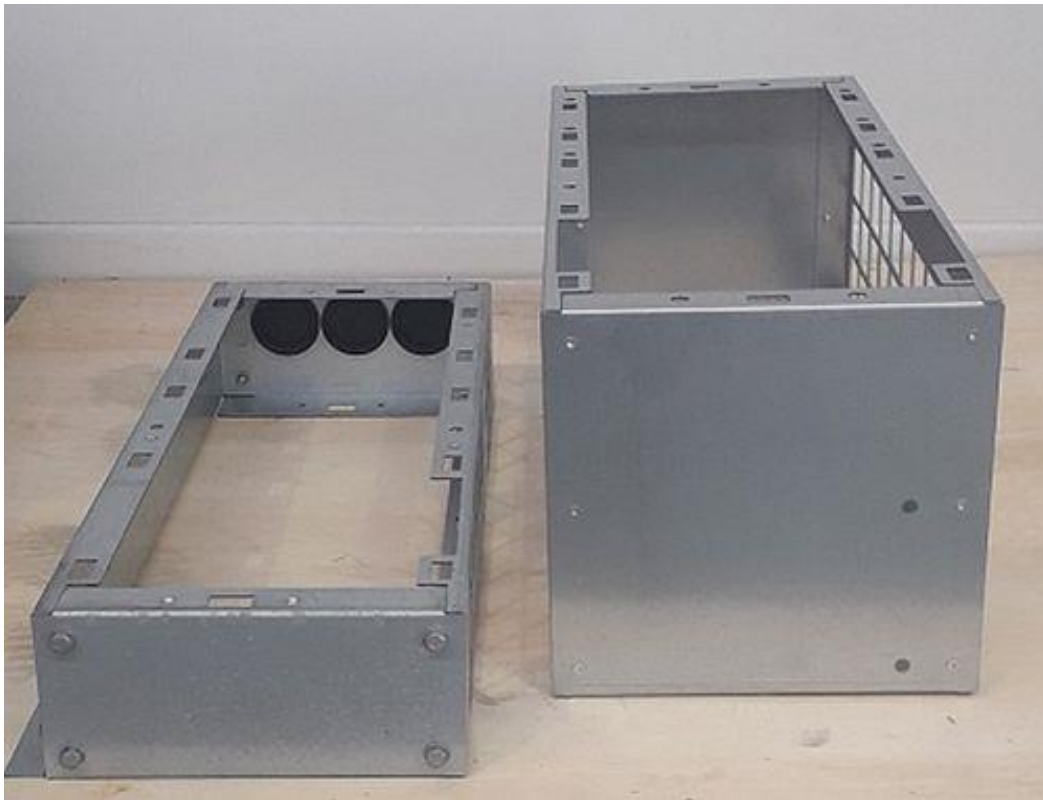


Figure 2. Base extension module examples

The modules have removable end plates to aid installation around existing cables, or for where cables are to be laid-up later from the front.