

2.3.3.6 EIA(RS) 485 Connections

For connecting the EIA (RS485), use 2-core screened cable with a maximum total length of 1000 m or 200 nF total cable capacitance.

A typical cable specification would be:

- Each core: 16/0.2 mm² copper conductors, PVC insulated
- Nominal conductor area: 0.5 mm² per core
- Screen: Overall braid, PVC sheathed

There is no electrical connection of the cable screen to the device. The link is provided purely to link together the two cable screens.

2.3.3.7 Output relay connections

These should be wired with 1 mm PVC insulated multi-stranded copper wire terminated with M4 ring terminals.

2.3.3.8 USB connection

The IED has a type B USB socket on the front panel. A standard USB printer cable (type A one end, type B the other end) can be used to connect a local PC to the IED. This cable is the same as that used for connecting a printer to a PC.

2.4 Case dimensions

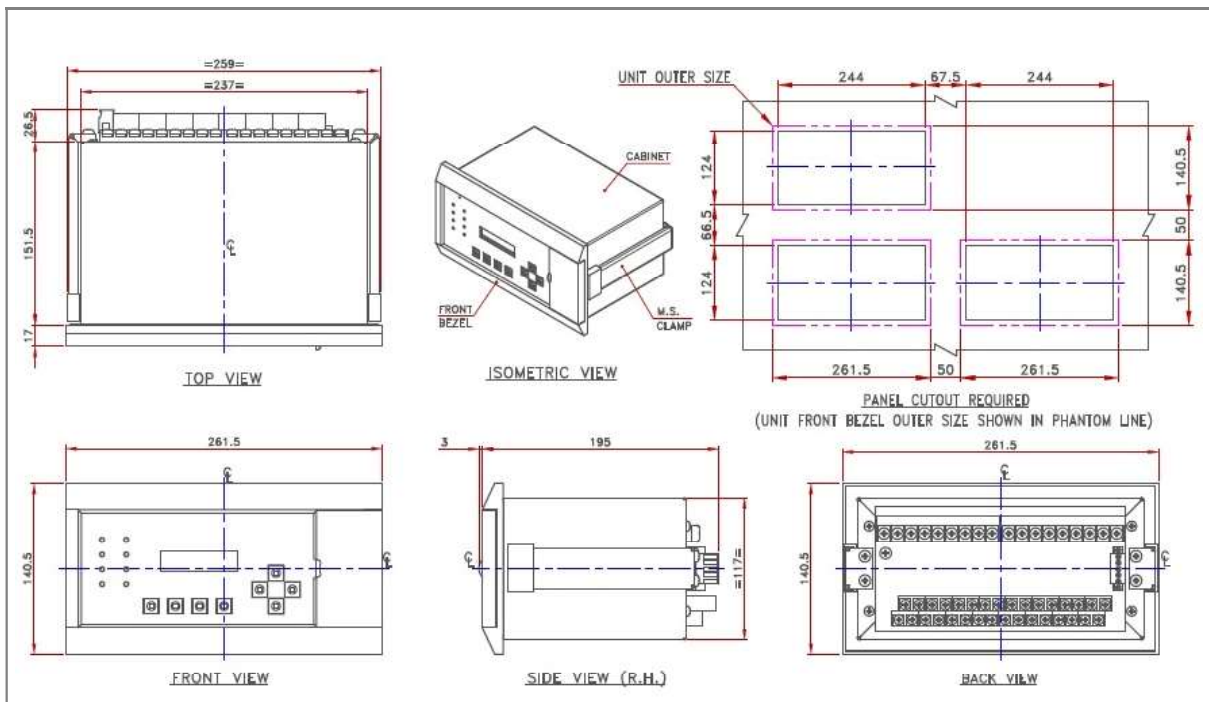


Figure 9: P652 case dimensions

Note: All dimensions are in mm.