Using SPA-ZC 17 with VAMP relays

This Technical note applies to VAMP 200 series protection relays (not Arc protection)

ABB’s SPA-ZC 17 is a Bus connection module, which is not powered from the SPA device (e.g. VAMP relay) but instead it has its own internal power supply. SPA-ZC 17 is normally connected to a SPA device with a cable which has 9-pin D-connectors in both ends and direct connection between pins 1, 2, 3, 4, 7 and 9.

When SPA-ZC 17 is connected to a VAMP relay (REMOTE port with TTL interface) the wire in pin number 4 must be cut.

Figure 1. Connecting VAMP relay to SPA-ZC 17.