The BU31-90 is a box intended for housing an FDD unit. Use of a BU31-90 permits the FDD unit to be moved out so that it does not take up board places in the central rack. The FDD unit can have the same name and address as before.

Connections

If the BU31-90 is to be permanently installed the power supplies can be taken from the SattCon31-90. At the rear of the SattCon31-90 are a number of spade terminals and the BU31-90 must be connected to 0V and +12V (see Fig. 2 overleaf). This arrangement also utilises the SattCon31-90 battery supply in case of mains power failure. The connecting cable from the BU31-90 must be carefully secured so that it cannot become detached, for example with a tie strap or similar. The BU31-90 may instead be supplied with power from a separate associated transformer. This transformer should always be used if the BU31-90 installation is not permanent. A suitable transformer can be ordered using the ordering number given below. The BU31-90 is delivered with a shielded rolled ribbon cable, one metre long. Enclosed together with the BU31-90 are two fixings for mounting in a 19" rack above or below the central rack. At least one module width of space (44 mm) must be left clear for central rack ventilation.

The FDD unit is removed from the central rack. Connect the FDD unit connections to their equivalents on the BU31-90 and insert the FDD unit.
Spade connectors on the SattCon31-90 back plane.

The FDD unit mounted in a BU31-90 equipped with fixings for mounting in a 19" rack.

**Technical data**

**Associated system**
SattCon31-90

**Power supplies**
9-12V DC or 12V AC

**Current consumption**
0.6A (Toshiba diskette unit)

**Ambient temperature**
5-50°C
(Max. temperature gradient 11°C/hour)

**Humidity**
20% - 80%, no condensation

**Dimensions**
233.0 x 275.0 x 44.5 mm

**Ordering number**
- BU31-90 492 5705-01
- Transformer 491 0820-01 (not included)
- FDD 492 5099-01 (not included)