POWER SUPPLY CPS 381

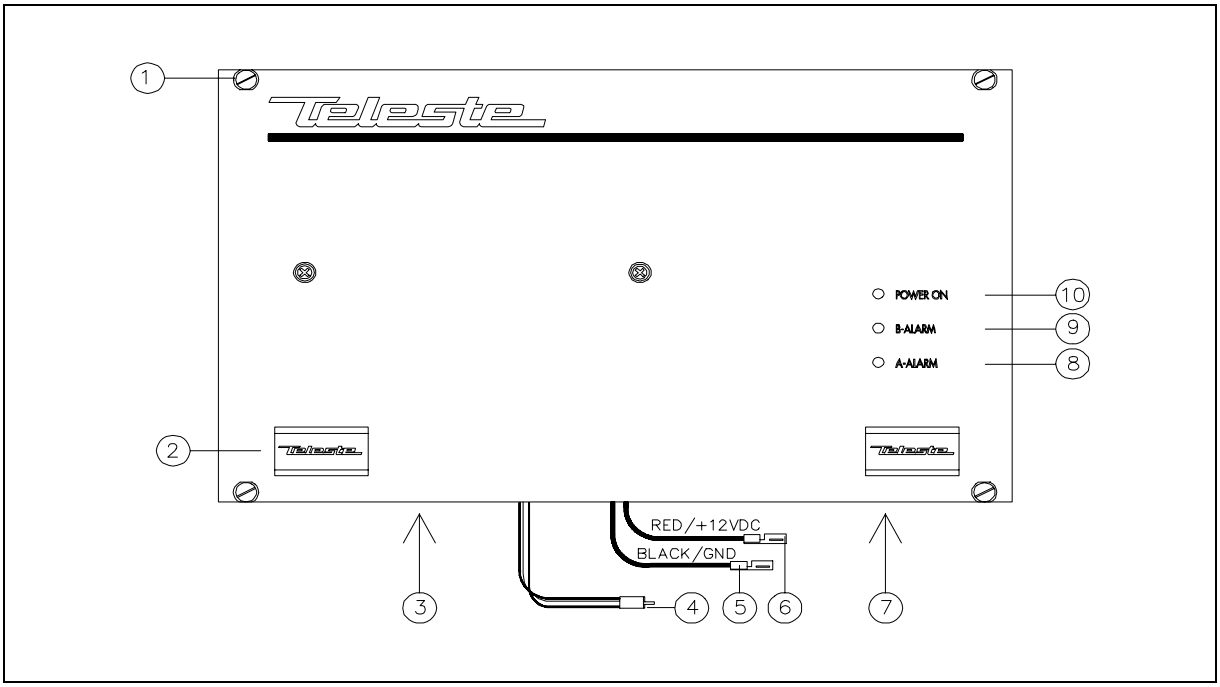

Figure 1. **The CPS 381**

1)Locking screw
2)Handle
3)Location of the type plate
4)Alarm bus flat cable
5)Ground wire (black)
6) Supply voltage wire (red)
7) Location of the mains connector (mains cable ordered separately)
8) Indicator for combined A-alarm (hardware failure detected in the frame)
9) Indicator for combined B-alarm (signal failure detected in the frame)
10) Power indicator (supply voltage operational)

INSTALLATION

The power supply is to be placed in the front of installation frame **CSR 316**. The supply voltage wires and the alarm bus flat cable must be connected to the main PCB board of **CSR 316** before installation (see separate instructions for **CSR 316**).

Note! Supply voltage wires MUST be connected to the correct terminals!
Two-power supplies can be used in a single frame (primary unit and back-up).

The mains power cable (**CPC 221 Euro-type or CPC 222 UK-type*: these parts must be ordered separately***) running from the power supply should be threaded through the opening at the bottom of the frame and run to back of the installation cabinet via ventilation unit **CVU 014**. The power supply is locked into place by the means of four locking screws.

MAINS VOLTAGE

The input voltage range of the power supply may vary between 85-132V AC or 170-264V AC. The AC frequency may also vary between 47-63 Hz. The nominal output voltage is 12V DC and the maximum load current is 8.5 A. The power supply has no separate power switch.

POWER BACKUP

If two power supplies are used in the system, they can be connected in parallel in order to ensure power backup. The backup switching is an automatic function as each power supply has a sense output for checking the power supply status.