

Data Sheet 5.51-1/5

Transient Recorder Base Device, Type HiRES S4 Base, Type HiRES S6 Base, and Type HiRES S4D Base

Application

The HiRES Base device houses all other hard- and software components of the HiRES transient recorder, except the external probes. It is available either as 19" rack mountable unit HiRES S6 Base supporting six universal extension slots, and further slots usable for up to five extension cards, or as desk top version HiRES S4 Base with four universal extension slots, which can be used for equipping the measuring device with the necessary number of measuring channels. Further a version with integrated voltage dividers for up to 2000 V input voltage, type HiRES S4D Base, is available, which can be used standalone and rack-mounted. The device is operated with either a laptop connected to it, or with external screen, keyboard and mouse using the internal industrial PC, or remotely through a computer connected by network. The rugged S4D Base and S4 Base casings are designed for portability and to allow rapid on-site deployment. The rack-mountable case of S6 Base is designed for a wide variety of different measuring channels used in one system to accomplish the most complex measuring and control tasks.

Main components

- State-of-the-art measurement control computer
- Windows operating system
- Gigabit ETHERNET interface for fast data transfer (optical ETHERNET for HiRES S4D Base)

Table 1: Main parameters

		HiRES S6 Base	HiRES S4 Base	HiRES S4D Base
Dimensions approx. (W x H x D)	mm	485 x 320 x 330	325 x 362 x 124	481 x 222 x 392
Power supply		100 ... 250 V, 50/60 Hz		



Figure 1: Transient recorder base device HiRES S6 Base*



Figure 2: Transient recorder base device HiRES S4 Base*



Figure 3: Transient recorder base device HiRES S4D Base*

* The pictures include optional accessories.

Type designation

HiRES Sx[D] Base

Sx: x is Maximum number of measuring cards eg. S4: 4 measuring cards can be put into the system

D: D optional high voltage divider are supported by the base device

Example: The HiRES S4D Base has 4 slots for measuring cards and supports up to 4 input dividers.