

## **Energy supply for test laboratories      New construction project**

Task: Delivery of switch cabinet distributors for basement consisting of:

- Connection panel 3 x 400/230 V, 50 Hz, 80 A
- Connection panel 3 x 400/230 V, 60 Hz, 200 A
- nine regulated and stabilized outputs for 3 x 147/85 ... 3 x 450/260 V, 50 and 60 Hz, 32 A, with positioning accuracy of +/- 1% and separate control per phase
- four unregulated outputs for 3 x 400/230 V, 50 and 60 Hz, 32 A

Delivery of switch cabinet distributors for upper floor consisting of:

- Connection panel 3 x 400/230 V, 50 Hz, 80 A
- Connection panel 3 x 400/230 V, 60 Hz, 200 A
- four regulated and stabilized outputs for 3 x 147/85 ... 3 x 450/260 V, 50 and 60 Hz, 32 A, with positioning accuracy of +/- 1% and separate control per phase
- 18 unregulated outputs for 3 x 400/230 V, 50 and 60 Hz, 32 A

Delivery of 10 three-phase control units with voltage stabilisation with the following functions:

- Internal and external emergency stop function
- overload device
- Residual current circuit 40 A / 30 mA
- Setpoint setting for each phase individually
- Switching device 50 / 60 Hz
- Network analysis via UMG 96RM-M network analyzer with digital output and M-Bus interface
- Switching and operating elements and external connection options

Delivery of 15 three-phase control units without voltage stabilisation with the following functions:

- Internal and external emergency stop function
- overload device
- Residual current circuit 40 A / 30 mA
- Switching device 50 / 60 Hz
- Network analysis via UMG 96RM-M network analyzer with digital output and M-Bus interface
- Switching and operating elements and external connection options