



- Fitted as standard in the TE CalBench
- Single-phase unit with 2 front panel sockets
- Digital volt meter (0 to 300V)
- 16A overload protection for bench
- 2 filters fitted to attenuate mains spikes
- PE socket for esd equipment
- Various socket types available
- Optional isolated mains sockets (7063)

DESCRIPTION

Mains power for Time Electronics CalBench is controlled via the 7082 single-phase unit equipped with two mains power sockets (types selectable). A further four sockets are fitted on the underside of the primary console, with two positioned at either end of the console, providing outlets for use across the bench. On the module a main power switch, residual current circuit breaker with over-current protection (RCBO), and under console lighting switch are included. Mains input and lighting supply lines are filtered. The 7082 is fitted as standard in every CalBench system.

The mains voltage is continuously monitored on a digital meter. The two front panel sockets can be supplied via an isolation transformer as an optional extra (7063). With this fitted the total current from the two sockets is limited to 1A.

Various socket types can be fitted to the 7082 and the four designated under console positions. These include UK 13A, Euro Schuko 16A, US 15A, and Indian Round Pin 15A. The type must be specified on ordering.

SPECIFICATIONS

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|--------------------|---|
| Power | From a single phase mains supply via a 16A heavy duty type IEC mains socket located on the rear of the bench primary console. |
| Switches | Mains power on/off switch to provide isolation for the entire bench Lighting switch to provide separate control of the work-top lighting |
| Protection | 16A overload protection for entire bench. Residual current protection is 0.03A |
| Sockets | 2 console front panel earthed sockets, 4 under-console earthed sockets |
| Meters | Mains voltage (0-300V) |
| Filters | 2 filters (mains and lighting) fitted to attenuate mains spikes |
| Cooling | 2 mains powered 80mm cooling fans are fitted internally to the console |
| Earthing | A PE socket is provided for wrist bands, mats, etc (see separate datasheets). All metal parts of the bench are connected to mains earth. |
| Module Width | 270mm (fitted in the right corner of the primary console) |

ORDERING INFORMATION

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|-------------------|--|
| 7082 | Mains Power Control Module <i>Fitted as standard in the TE CalBench - Line power and socket type must be specified</i> |
| 7063 | Isolated mains output sockets |

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.