

KeDrive Control Units

suitable for KeDrive D4 and KeDrive D6 power units



| Models | BASIC | | ADVANCED | |
|--|-------------------|-----------|---|-----------|
| | Single-axis | Dual-axis | Single-axis | Dual-axis |
| Communication to PLC | Sercos III | | | |
| Encoder interfaces | Hiperface | | | |
| Safety technology | - Safe Torque Off | | - Safe Torque Off - Safe Stop 1 and 2 - Safe Operating Stop - Safely Limited Speed - Safely Limited Position - Safely Limited Increment - Safe Direction - Safe Speed Monitor - Safe Braking and Holding System | |
| Cycle times | | | | |
| - Current control | 125 µs | | 62,5 µs | 125 µs |
| - Speed control | 250 µs | | 125 µs | 250 µs |
| - Position control | 500 µs | | 250 µs | 500 µs |
| PWM frequency | | | | |
| - 4/8 kHz | I / I | I / I | I / I | I / I |
| - 12/16 kHz | - / - | - / - | I / I | I / I |
| Inputs/outputs | | | | |
| - Digital inputs/utilizable for touch probes | 5/1 | 18/2 | 7/2 | 7/2 |
| - Digital inputs/outputs (user-defined settings) | 3 | 4 | 4 | 4 |
| - Analog inputs | - | 1 | 1 | 1 |
| - Analog outputs | - | 2 | 2 | 2 |
| - Relay outputs | 1 | 1 | 1 | 1 |

Further options (I/O enhancement, encoder interfaces) on request