

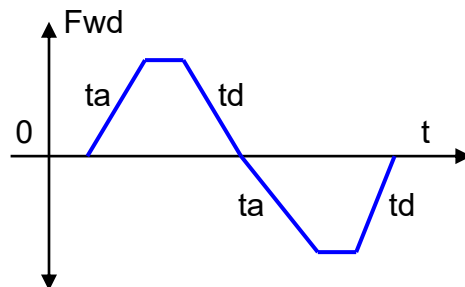
AC10 Primary Thyristor Control for Slip-ring Motors

A131 Travel Amplifier

The A131 travel amplifier has several adjustment points to facilitate optimum control of a large moving mass, such as a crane bridge section. The following adjustment points are provided:



- | | | |
|------------------|-----|-------------------|
| On front fascia- | VR1 | Speed adjustment |
| | VR2 | Voltage clamp |
| | VR3 | Acceleration ramp |
| | VR4 | Deceleration ramp |
| On PC board- | VR5 | Stability |
| | VR6 | Gain |



In the AC10 travel system, the drive motors are permanently damped by the influence of a fixed rotor slip resistor, of value $\text{rotor } k \times 0,25$. This does ensure good load-sharing. The effect on final rated speed is small. It can be important on outdoor cranes, where wind effect is a factor.

Function of forward and reverse mode is displayed by two high-density LED's. The A131 card occupies position 4 in the A2 eurorack.

