

SDLWA160

4 phase stepping motor microstepping drive

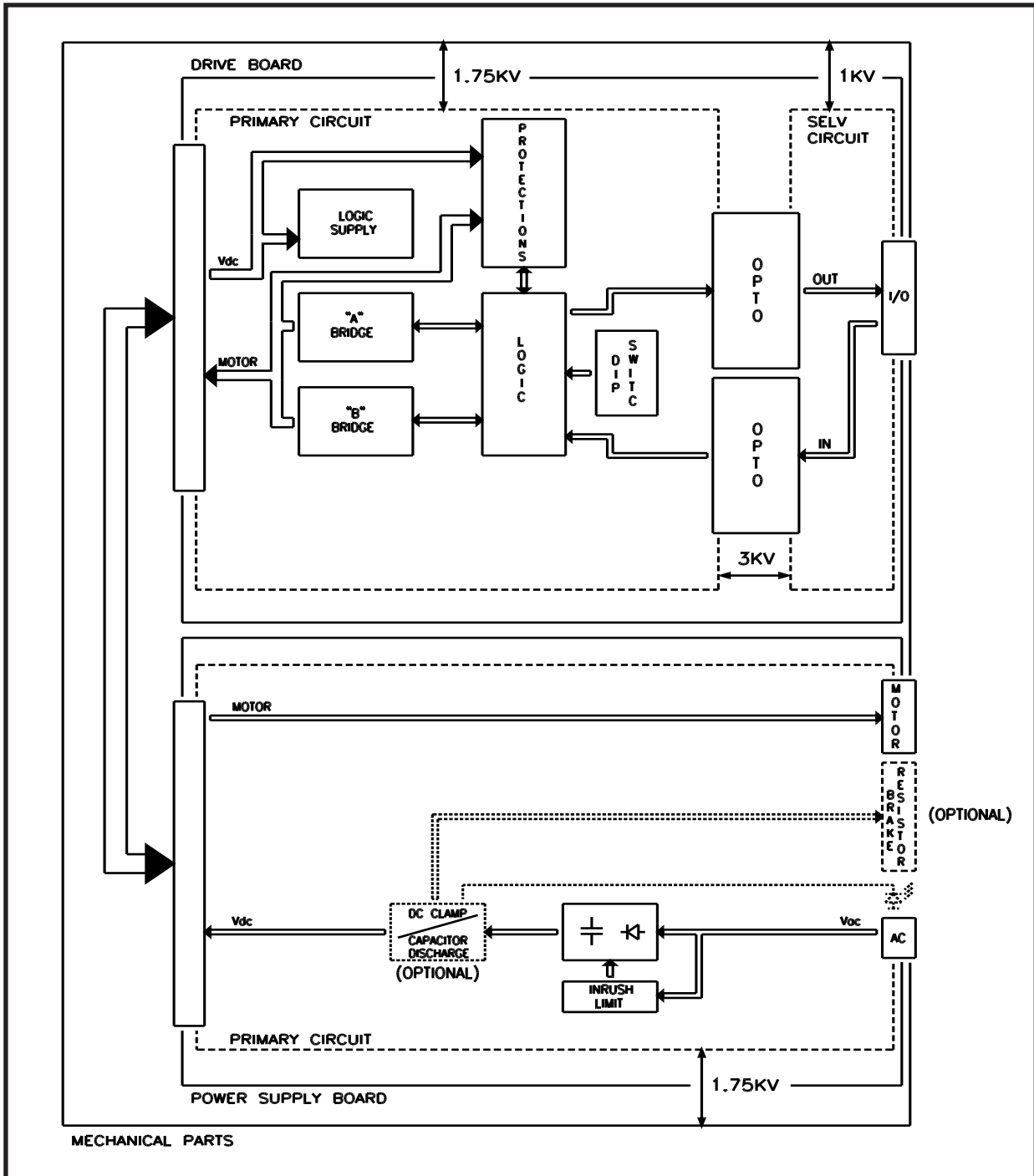
Technical data

- Driver : bipolar chopper.
- Chopper frequency : 40 kHz.
- Phase current rating : 1.65 ÷ 7.85 A dip-switch selected (boost : 10.0 Amps max).
- Step angle : 1 - 1/2 - 1/4 - 1/5 - 1/8 - 1/10 - 1/20 dip-switch selected.
- Idle current reduction & nulling : automatic (100 ms after last step) or controlled through a drive's input (mode selection through dip-switch).
- Protections : over & under-voltage, over-current (short circuit phase-phase-ground), over-temperature (all monitored through leds).
- Optocoupled inputs : step, direction, current null, idle current reduction, current boost.
- Optocoupled outputs : drive's protections and current sequence homing monitoring.
- Power supply :

AC input (Vac)	Maximum drive's power rating (W)
Single phase : 110÷120	500
Single phase : 220÷240	1500
Three phase : 110÷240	3000
- Size, housing : 60 x 249 x 180 mm, wall mounting.
- Weight : 1650 g.

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Block diagram:



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