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PROJECT MEMO

MEMO CONCERNS

Driver interface board, v 4.0 - Documentation

DISTRIBUTION

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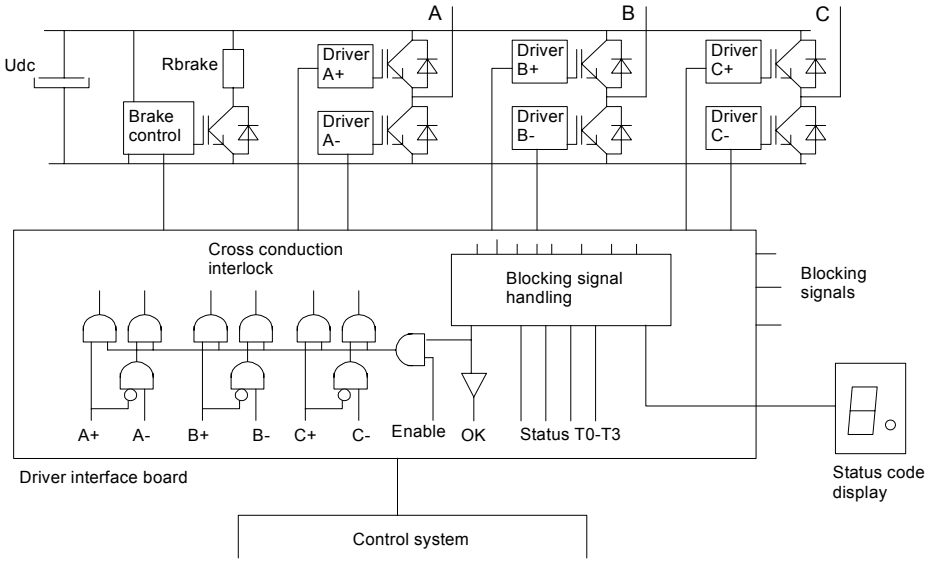
This memo contains: Description, schematic drawing, board layout drawings, Component list, connection list, modifications and corrections.



This board provides a defined, general purpose, logic level interface between the control system and the power circuit switches.

The switches of three bridgelegs can be controlled. All six switches are independently controlled. Three bridgeleg driver boards and a brake chopper control board can be attached. Blocking signals from these boards, and from four general purpose blocking signal inputs can be latched. Two unlatched blocking signal inputs are also provided.

Cross conduction interlock circuitry is included on this board. Optocouplers, turn on delay and short circuit protection circuitry are located on the driver boards.

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