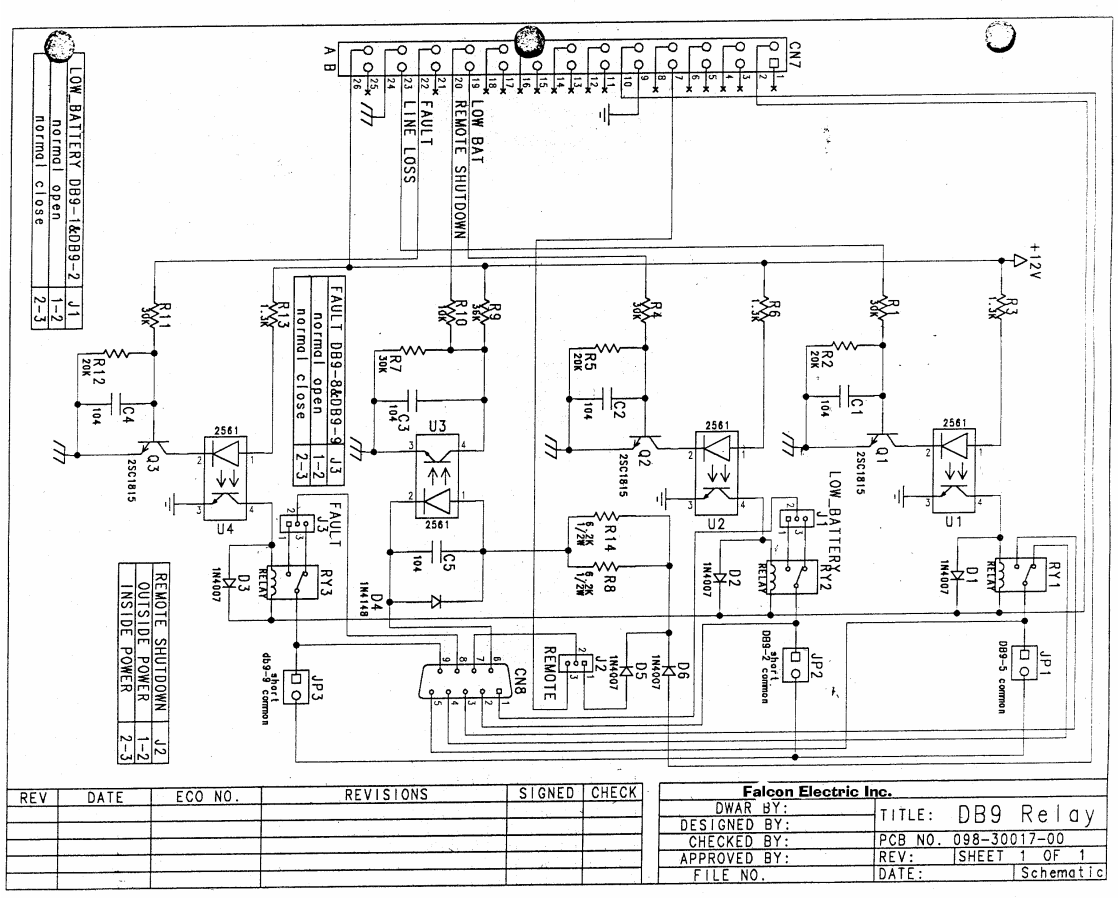
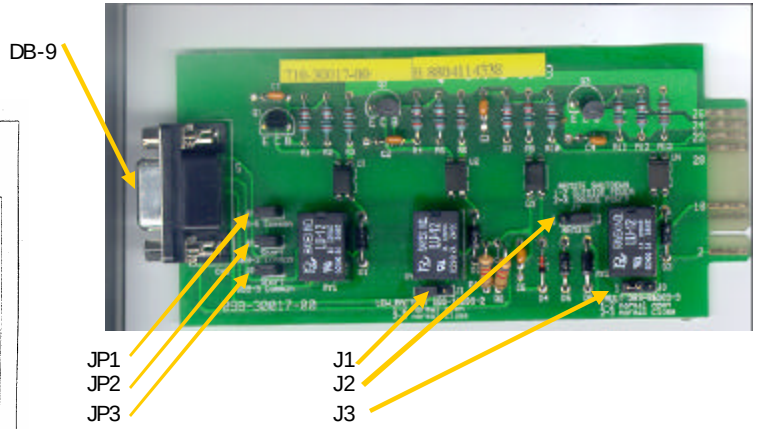
SG SERIES CONTACT CLOSURE INTERFACE BOARD
(Dry Contacts)





DB-9F PIN & JUMPER ASSIGNMENTS	
PIN	DESCRIPTION
1	Low Battery (When UPS reaches low battery, contact activates) (J1, 1-2 short = N.O) (J1, 2-3 short = N.C)
2	JP2 shorted = Low Battery common & all other shorted JP commons JP2 open = common for low battery only
3	Utility Loss N.O. (At loss of utility voltage, contact activates)
4	Utility Loss N.C. (At loss of utility voltage, contact activates)
5	JP1 shorted = Utility Loss common & all other shorted JP commons JP1 open = Utility Loss common only
6	Remote Shutdown common
7	Remote Shutdown (J2, 1-2 short = outside power) (J2, 2-3 short = inside power) 1-2 shorted. Applying an external 12V signal across the DB-9, pins six and seven, while the UPS is on battery, will turn off the UPS. 2-3 shorted. Applying a short directly across the DB-9, pins six and seven, while the UPS is on battery, will turn off the UPS.
8	Alarm (Upon a UPS fault or failure the contact activates) (J3, 1-2 short = N.O.) (J3, 2-3 short = N.C.)
9	JP3 shorted = Alarm common & all other shorted JP commons JP3 open = Alarm common only

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SG SERIES CONTACT CLOSURE INTERFACE BOARD FEATURES
(Dry Contacts)

1) Utility Loss, Low Battery and Alarm signals are relay contact closure type providing a more universal interface that is not polarity sensitive unlike opto-coupler designs. Contacts accept higher voltage levels at up to 1 amp each contact.

2) Utility Loss, Low Battery and Alarm signals may be fully isolated or tied together to the same common return via on board jumper selection.

3) Utility Loss, Low Battery and Alarm signals may be jumper selected to provide a normally open (N.O.) or normally closed (N.C.) contact condition.

4) Remote shutdown can be configured to accept a simple contact closure or an external voltage of up to 12Vdc.

5) Gives an indication of the SG Series UPS alarm in the event of a failure.

6) Interfaces easily with all contact closure type shutdown software or management hardware.