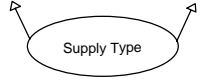


SINGLE PHASE SUPPLY
120vac or 230vac

THREE PHASE SUPPLY
transformer selectable

The Order in Phase is not important.
If one Phase is missing, the Actuator will not start
and gives a signal (fault Relay).



configuration	7A	7B
Direction1	Opening	Closing
Direction2	Closing	Opening

Legend

- ESD Emergency Shut Down
- F Closing
- Fu Fuse
- NLC Local inhibition
- O Opening
- R Signaling
- S Stop
- TR Transformer

Note: To cancel Self Holding
Do Not Connect Terminal 34

Maximum distance of 2000' (600m).

Rating: 250V 5A

Indication assignment see configuration table

contact	Item	Designation	Item	Designation
R1	14	LSO	TSO	Torque switch open
R2	15	LSC	TSC	Torque switch close
R3	16	LSO	TSO	Torque switch open
	17	Local	Remote	Selector on remote
	18	Running	Opening	Actuator running electrically
R4	19	LSC	TSC	Torque switch close
	20	ESD	Closing	Actuator closing electrically
	21	Local	Remote	Selector on remote

Each contact can be selected open or close (standard is open)
Power off, contacts are open
Only one option can be selected for each indication

TITLE: BERNARD INTEGRAL+ w/ TORQUE SWITCHES

BCI
BERNARD CONTROLS, INC.
15740 PARK ROW, #100
Houston, Texas 77084

SO No.	DRWN BY C. TENNERY	DATE 10/2000	DWG. No.	96012	D
CHKD BY R. UPTON	DATE 10/2000	APVD BY R. UPTON	DATE 10/2000		

SHEET 1 OF 1 REV