

## SA850 Configuration

Configure the jumpers on the SA850 as follows:

Jumpers	Setting	Purpose
R-Pack at 5E	Removed (1)	No termination (Termination is in the Persci drive.)
DS1-DS3	Open	Not Drive Select from interface pins 26,28,30
DS4	Jumper	Drive Select from interface pin 32
1B-4B	Open	No Side Select using drive select
RR	Jumper	No radial Ready (jumper disables this option)
RI	Jumper	No radial Index (jumper disables this option)
R	Jumper	-Ready output to interface pin 22
2S	Open	No "-2-sided disk detected" output to interface pin 10
850/851	851 Jumpered	Soft-sectored disks
I	Jumper	-Index output to interface pin 20
S	Open	No -Sector output to interface pin 24
DC	Open	No -Disk Change output to interface pin 12
HL	Jumper	Stepper power from Head Load & Door Closed (note A,B,X)
DS	Open	No stepper power from Drive Select
WP/NP	WP Jumpered	Write inhibited when disk Write Protect notch is present
D	Open	No In-Use input from the interface pin 16
M	Open	No multimedia option
DL	Open	No door latch option
A,B,X	All Jumpered	Head load from Drive Select
C	Open	No -Head Load input from the interface pin 18
Z	Jumper	In-Use from Drive Select
Y	Open	No In-Use from Head Load
S1	Open	No Side Select from Direction Select
S2	Jumper	Normal Side Select from interface pin 14
S3	Open	No Side Select from Drive Select
TS, FS	FS Jumpered	Standard Data Separator Option
IWI/IWG	IWI Jumpered	Head current switching from interface pin 2
RS/RM	RS Jumpered	Standard Ready signal
HLL	Open	No Head Load Latch
IT	Jumper	In-Use terminator (used as pullup)
HI	Open	No Head Load or In-Use to the In-Use Circuit
F (or FM)	Open	No M2FM encoding
AF/NF (or MFM/ M2FM)	AF (or MFM) Jumpered	Active Read Filter for reading FM and MFM

Notes: (1) If this drive does not have the terminator resistor pack, then install a 150-ohm resistor between pins 1 and 14, and another between pins 5 and 10 at the R-pack location, 5E.