

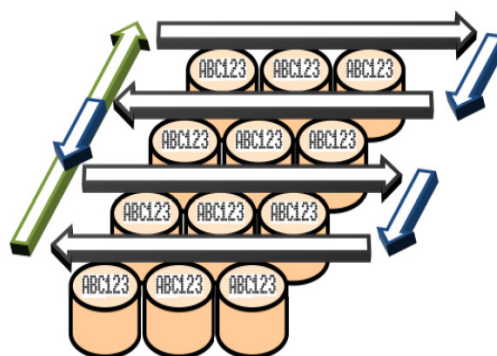
TMC-200 ROW INDEX CONTROLLER FOR TMC-100

“The TMC-200 handles the row index moves of XY-axis traversing applications in combination with a TMC-100 controller ...

- 24 ... 90V_{DC} motor supply
- 4 ... 10A_{RMS} motor phase current
- 3 ... 30V wide range signal inputs
- Very compact dimensions:
H:101mm D:119mm W:35mm
- Mounts on standard DIN rail
- Controls a TMC-100 system and moves a coding head line by line and back and forth.
- 4 selectable programs with up to 7 rows each
- XY coding cycle finish output
- Homing reference routine after power on
- Automatic motor current reduction at standstill to reduce heat loss of motor and drive
- Multiple safety functions:
 - Short circuit (over current)
 - Low supply voltage
 - Over temperature
 - Phase interruption detection
- Removable terminal blocks
- 3 diagnostic LEDs
- Customized versions available



... featuring an industrial quality motion controller/drive type LAM DS3078 with on board application software TMC-200 ...



Description of moves (arrows):
 —> TRAVERSING X-AXIS
 —> ROW INDEXES Y-AXIS
 —> RETURN HOME Y-AXIS

... to traverse a coding or marking system across multiple rows of grouped products”

BLACK FOREST LINK..

... combines industrial high performance stepping motor drive and control systems with pre-engineered functionality for a variety of demanding applications...

...systems offer user friendly solutions for a variety of industries:

- Packaging
- Printing
- Labeling
- Automotive
- Food
- Medical
- Pharmaceutical
- ...

1 YEAR WARRANTY on standard products...

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TMC-200-US0.1

TMC-200 APPLICATION EXAMPLE: ROW INDEX CONTROLLER

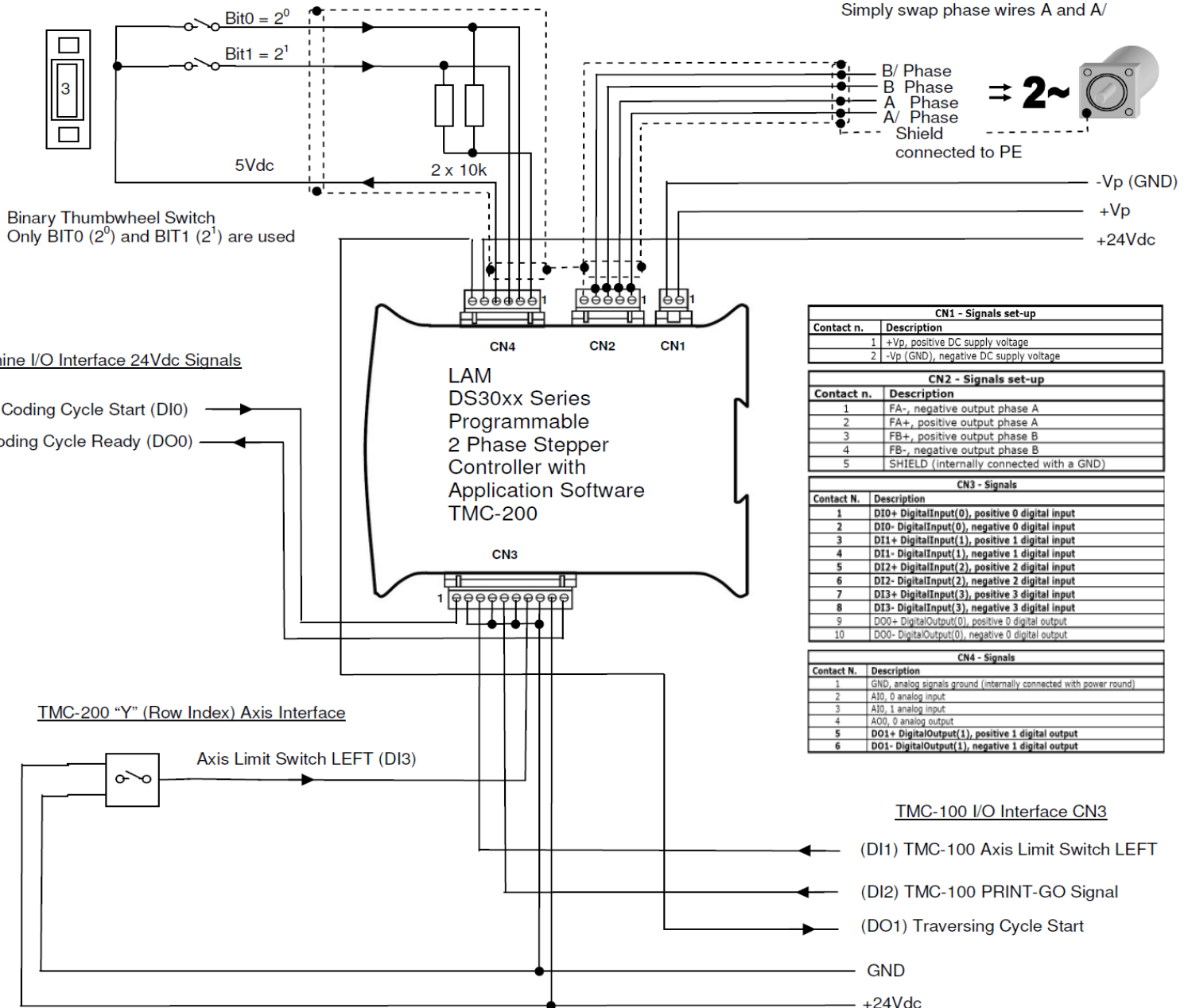
2 BIT Program Select Interface

BIT1	BIT0	PROGRAM NO.
OFF	OFF	0
OFF	ON	1
ON	OFF	2
ON	ON	3

Stepping Motor Interface

Low impedance and high current 2 phase
stepper motor connection Positive
movement means CW rotation
looking towards motor shaft

Need to invert motor direction?
Simply swap phase wires A and A/



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