

DIP Switch Settings for Compumotor SM & NeoMetric Motors* (with foldback enabled)

*Switches shown configured for initial tuning, w/peak current approx. twice motor's continuous current rating. See *Tuning* for procedure to raise current.

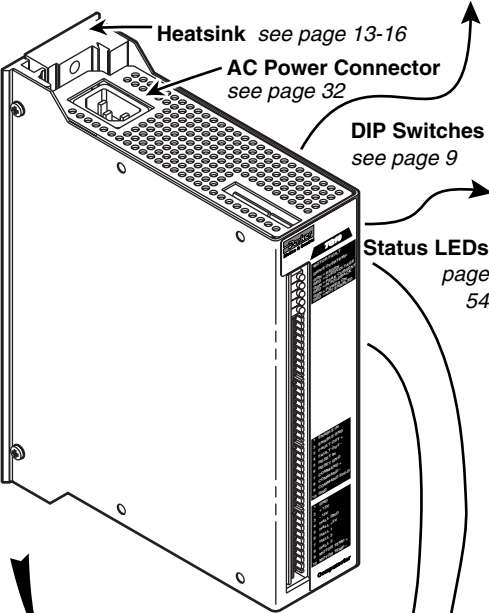
<p>SM161A</p>	<p>N0701D</p>
<p>SM162A</p>	<p>N0701F</p>
<p>SM231A</p>	<p>N0702E</p>
<p>SM232A</p>	<p>N0702F</p>
<p>SM232B</p>	<p>N0703F</p>
<p>SM233A</p>	<p>N0703G</p>
<p>SM233B</p>	<p>N0704F</p>
	<p>N0704G</p>

TQ10 Drive Compumotor

<p>N0921F</p>
<p>N0921G</p>
<p>N0922G</p>

TQ10 Status LEDs *see page 54*

- MOTOR FAULT** Red indicates short circuit in motor cabling, or indicates motor overtemperature.
- DRIVE OVERTEMP** Red indicates drive has exceeded temperature limit.
- REGEN/OVERVOLTAGE** Illuminates green during regen event; illuminates red if regen causes overvoltage.
- PEAK CURRENT/IN FOLDBACK** Illuminates green during peak current output; illuminates red while drive is in foldback.
- POWER ON/NOT ENABLED** Illuminates green when AC power is applied; illuminates red when AC power is applied but drive is not enabled.



TQ10

<p>MOTOR FAULT</p> <p>DRIVE OVERTEMP</p> <p>GRN = REGEN</p> <p>RED = OVERVOLTAGE</p> <p>GRN = PEAK CURRENT</p> <p>RED = IN FOLDBACK</p> <p>GRN = POWER ON</p> <p>RED = NOT ENABLED</p>	<p>1 ENABLE IN</p> <p>2 ENABLE GND</p> <p>3 FAULT OUT +</p> <p>4 FAULT OUT -</p> <p>5 RESET IN</p> <p>6 RESET GND</p> <p>7 COMMAND +</p> <p>8 COMMAND -</p> <p>9 COMMAND SHLD</p> <p>10 GND</p>
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<p>1 GND</p> <p>2 +18V</p> <p>3 -18V</p> <p>4 HALL GND</p> <p>5 HALL +5V</p> <p>6 HALL 1</p> <p>7 HALL 2</p> <p>8 HALL 3</p> <p>9 MOTOR TEMP +</p> <p>10 MOTOR TEMP -</p>	
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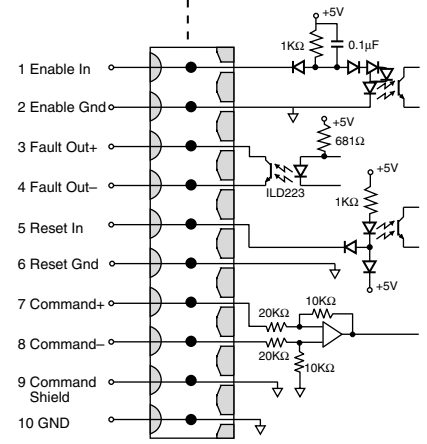
Motor Connector & DIP Switches (underneath drive) *page 10, 11, 19*

Inputs & Outputs *page 24-32*

Hall & Motor Temp Signals *page 22-23*

<p>SW 3</p> <p>V Bus +</p> <p>Regen Resistor</p> <p>V Bus -</p> <p>Phase A</p> <p>Phase B</p> <p>Phase C</p> <p>Motor Ground</p>	
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TQ10 Torque Servo Drive – Inputs & Outputs *see page 24-32*



TQ10 – to – 6n50 Controller, SM Motor *page 23*

