

## DBL BRUSHLESS DC MOTOR DRIVER

Brushless dc motor driver for running hall sensor commutated motors. Voltage up to 48 VDC and peak current 15 A. Speed setting by external voltage 0-5 volt or internal potentiometer. Other functions include settings for Forward/Reverse, Start/Stop, Brake, Speed signal and Alarm.

### ADDITIONAL DATA

- Brushless hall sensor dc motor driver
- Voltage 24 / 36 / 48 VDC
- Current peak 15 A
- Speed setting by 0-5 VDC
- Forward/Reverse, Start/Stop, Brake, Speed signal and Alarm



TRANSMOTEC SWEDEN AB

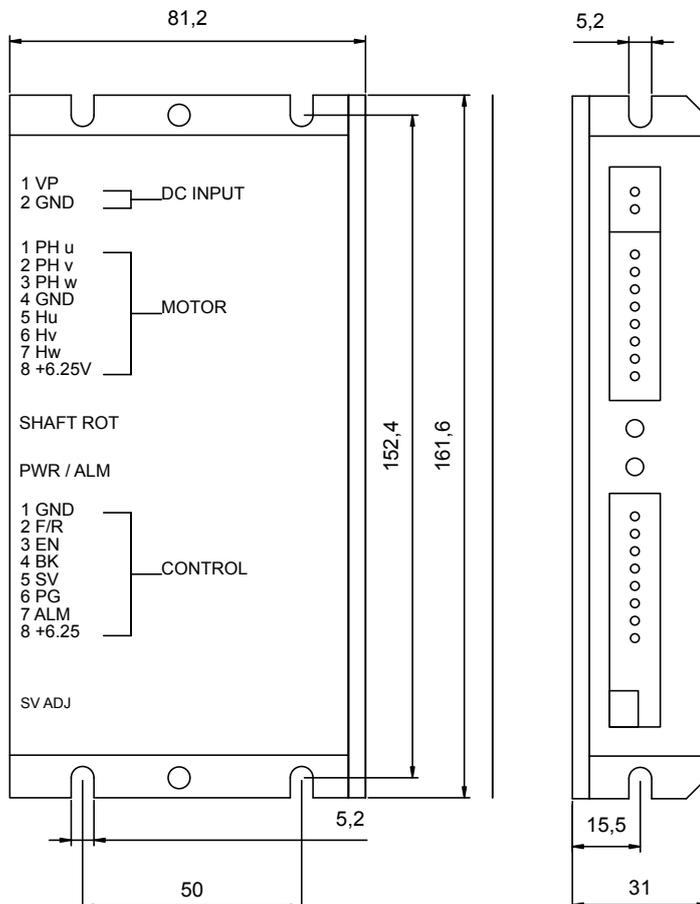
### SPECIFICATIONS

Voltage in	VDC	24 / 36 / 48 +/-10%
Rated current	A	8
Peak current	A	15
Rated power	W	360
Peak power	W	720
Insulation resistance	ohm	>100M at 500VDC
Dielectric strength	VAC	500 50Hz 1 minute
Operating temperature	°C	0..+50

### MOTOR PROTECTION

- Overload when motor current exceed max. current > 6 seconds
- Over voltage when applied voltage exceeds by >15%
- Under voltage when applied voltage fall below by >25%
- Out of phase due to disconnection of cables etc.

### APPEARANCE SIZE



### MOTOR CONTROL INPUTS

Speed	0-5 volt input or integral potentiometer	
Start/Stop	L on 0-0.5 VDC Start	H 4.0-5.0 VDC Stop
Brake	L on 0-0.5 VDC Instant Stop	H 4.0-5.0 VDC Run
Direction of rotation	L on 0-0.5 VDC CCW	H 4.0-5.0 VDC CW

### MOTOR CONTROL OUTPUTS

Speed signal and Alarm	Open collector 5 VDC 20 mA max.
------------------------	---------------------------------

### MOTOR LED LAMPS

Power and Alarm LED will light during snuff operation and flicker during alarm.

Shaft LED will light during operation.

### MODEL NO. DESIGNATIONS

