

DC controller SC1000



DC MOTOR CONTROLLERS

The SC1000 range of controllers is designed for traction and pump motor applications using either series or permanent magnet motors. These controllers have a proven track record in numerous demanding applications around the world.

FEATURES

- Regenerative braking
- Flash memory
- Diagnostic LED
- High switching frequency
- Silent operation
- Single board design
- IP40 Protection



KEY PARAMETERS

Version	1-Quadrant Series Traction/Pump	4-Quadrant Permanent Magnet
Battery Voltage (VDC)	24 to 36	24
2-min. Cont. current (A)	180/250	75/100
1hr cont. current (A)	60/80	25/35

SERIES TRACTION & PUMP SC1000 SERIES

These controllers offer such standard features as a belly switch (for pedestrian trucks), speed cutback, and neutral braking

PERMANENT MAGNET SC1400

For use with permanent magnet DC motors the SC1400 offer full 4-quadrant control for contactor-less direction control.

INPUTS AND OUTPUTS

Various standard configurations of digital and analog inputs and outputs (I/O) are available, suitable for many applications. Functions can include throttle input, direction and limit switch inputs, together with contactor drives.

RUGGED ENDURANCE

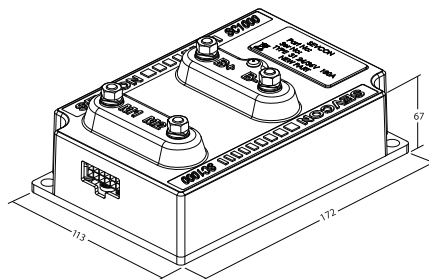
Rigorous testing that includes the harshest temperature, vibration, and humidity trials, ensure that SC1000 controllers deliver unparalleled reliability.

HIGH RELIABILITY

An integrated micro-controller-based design minimizes component count, resulting in maximum reliability at minimum cost.

INCREASED FLEXIBILITY

As application programs are stored in Flash Memory, the controller can be easily reprogrammed, increasing flexibility and commonality of system design.



HSCT b.v.
Melkrijder 9
3861 SG Nijkerk
The Netherlands

T. +31 (0)33 25 70811
F. +31(0)33 25 70812

E. info@hsct.nl
I. www.hsct.nl