

World Class Design | World Class Function | 30 Years Expertise In Industrial Motor Control

HC101537 ISS4

PRODUCT MANUAL: ENCLOSURES



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Enclosure Product Manual. DC Motor Control

A range of enclosures for professional use, available in seven models. From 0.50KW to 1.8KW in either forward only or reversing variants (Suffix ER). Features include, Mains On/Off switch, dual voltage supply, zero speed interlocked reversing, dynamic braking, set speed potentiometer with graduated scale. These enclosures contain the 370, 400, 800, and 1200 controllers with extensive specification and versatility.

Please also refer to the appropriate Drive Manual.

MECHANICAL DIMENSIONS

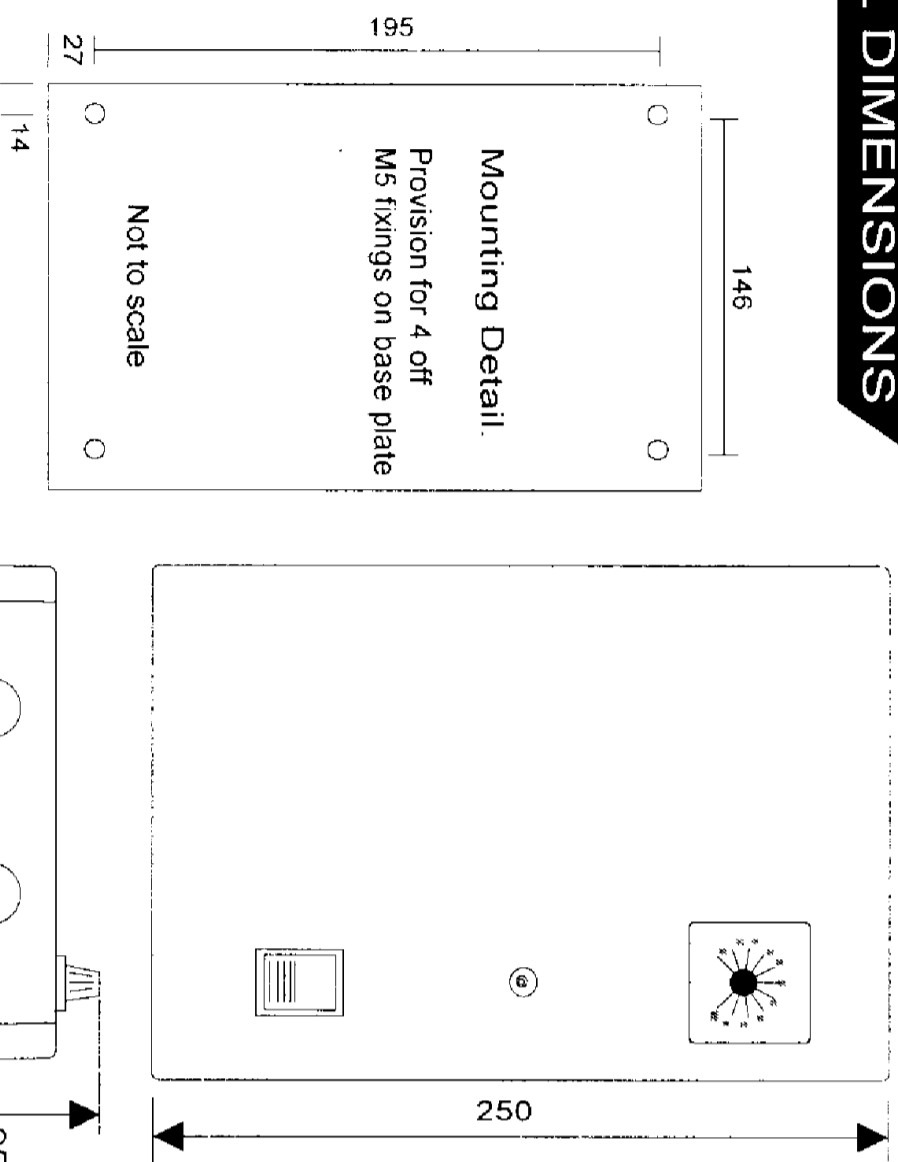
Fusing

Internal fuses

370, 400, 400ER
Part No. CH0036A3
5 x 20, 6.3A, 50 I2t
800E 800ER
1200E 1200ER
Part No. CH00620A
6 x 32, 20A, 365 I2t

External fuses

HRC type minimum
1.5 x arm current



ALL MODELS

AC Supply voltage. 110/240V
Armature Voltage Output 90/180V DC
Field Voltage. 100/210V DC

Controls- On/Off supply rocker switch. Set speed potentiometer. Integral AC supply semiconductor fuse in drive module. Reversing models have Forward, Stop, Reverse toggle switch.

370E

Max Armature current 3.7A 0.50KW

400E, 400ER

Max Armature current 4.0A 0.55KW

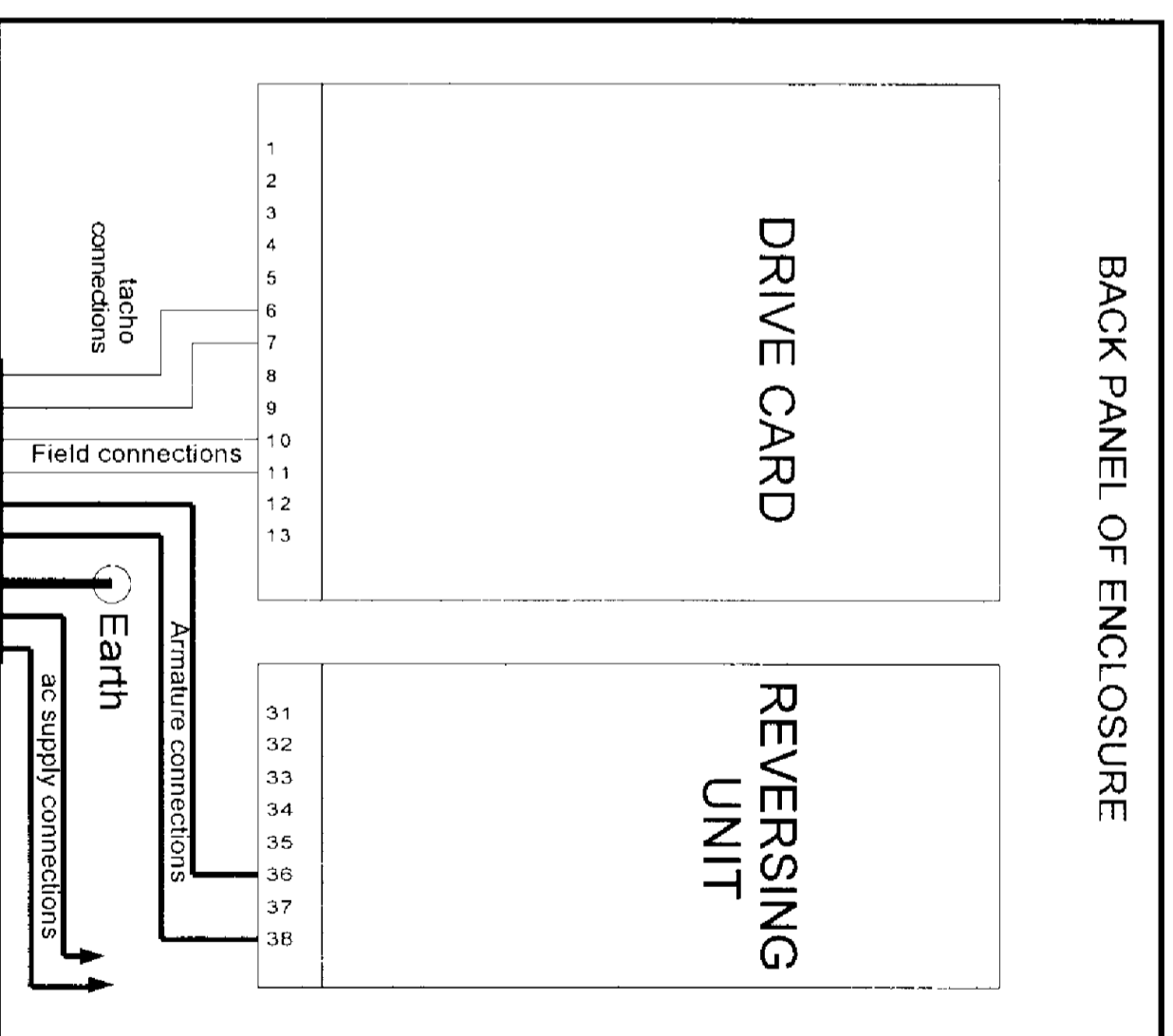
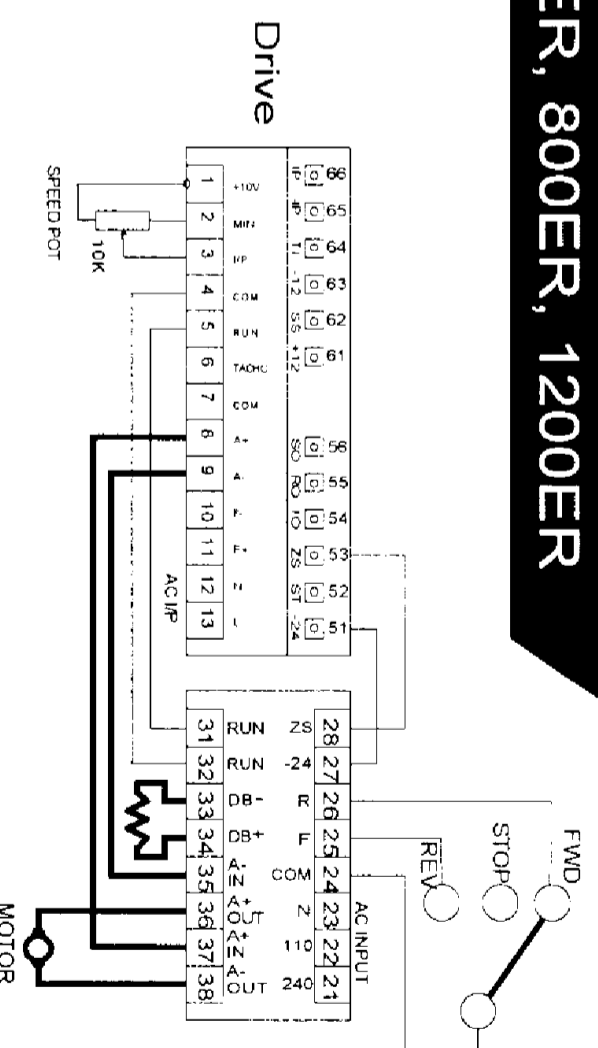
800E, 800ER

Max Armature current 8.0A 1.1KW

1200E, 1200ER

Max Armature current 12.0A 1.8KW

400ER, 800ER, 1200ER



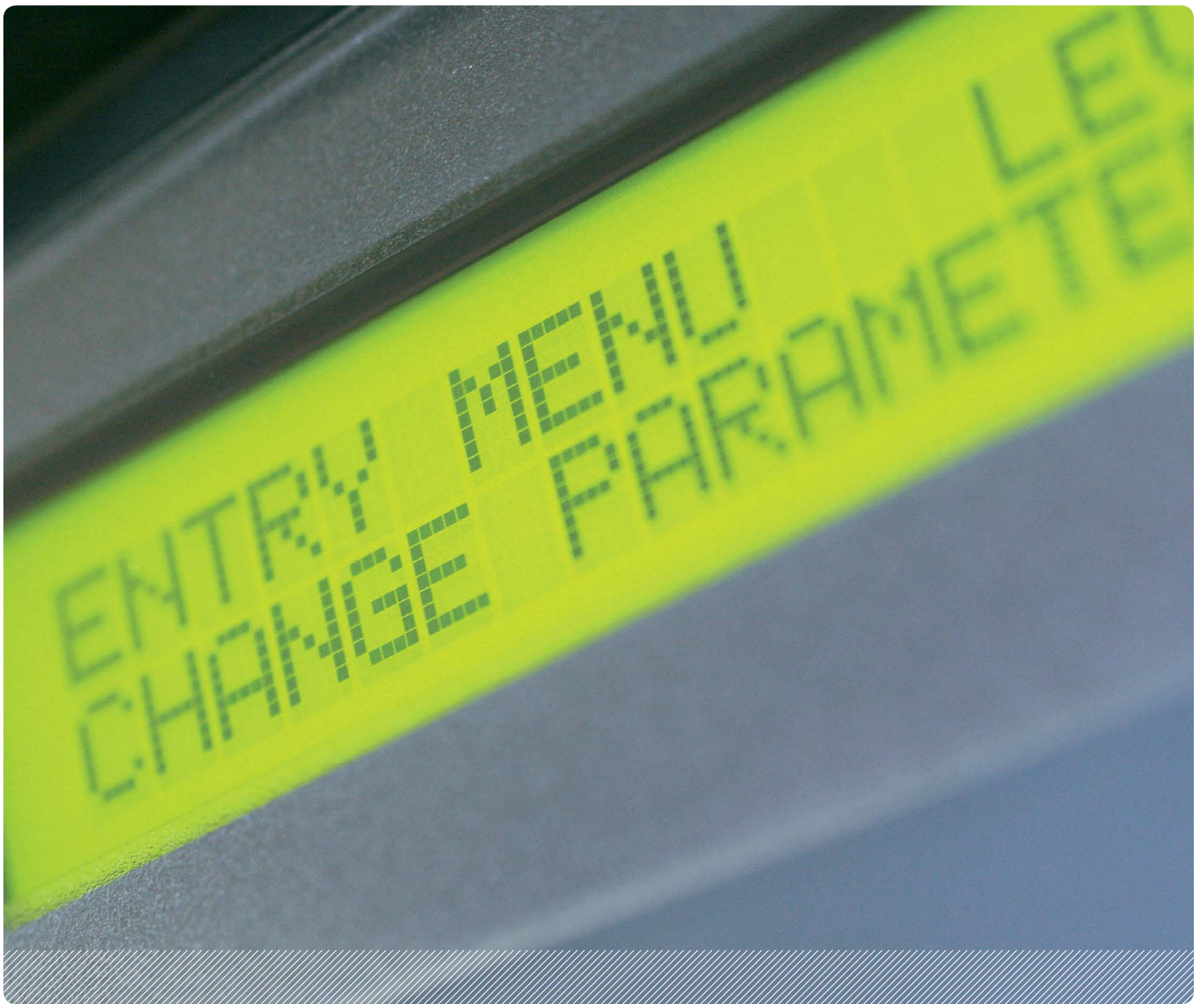
Connect incoming AC supply to rocker switch. Note these units are factory preset for 240V AC operation. For use with 110V AC supply change mains selector jumper on drive unit AND move AC input from terminal 21 to terminal 22 on the reversing unit.

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DANGER
ELECTRIC SHOCK RISK

SPRINT ELECTRIC LTD. DOES NOT ACCEPT ANY LIABILITY WHATSOEVER FOR THE INSTALLATION, FITNESS FOR PURPOSE OR APPLICATION OF ITS PRODUCTS. IT IS THE USER'S RESPONSIBILITY TO ENSURE THE UNIT IS CORRECTLY USED AND INSTALLED.

HEALTH AND SAFETY AT WORK. ELECTRICAL DEVICES CONSTITUTE A SAFETY HAZARD. IT IS THE RESPONSIBILITY OF THE USER TO ENSURE COMPLIANCE WITH ANY ACTS OR BYLAWS IN FORCE. ONLY SKILLED PERSONS SHOULD INSTALL THIS EQUIPMENT.



Find out more:
www.sprint-electric.com

Sprint Electric Ltd. Peregrine House, Ford Lane, Ford
Arundel, West Sussex, BN18 0DF United Kingdom

Tel: +44 (0)1243 558080

Fax: +44 (0)1243 558099

Email: info@sprint-electric.com

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