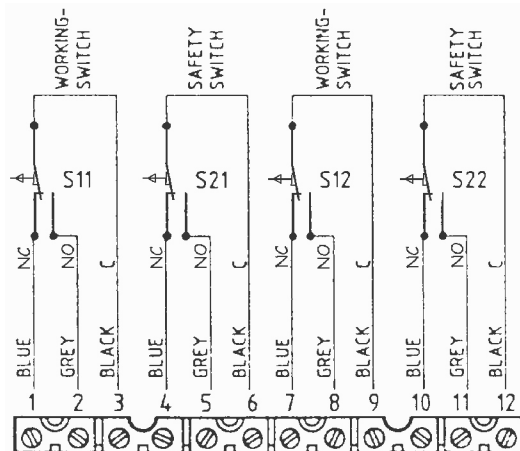


Wiring diagram - Ridder three phase motors to HRS3 controller

RIDDER MOTOR GEARBOX LIMIT SWITCH ASSEMBLY

Use limit switch appropriate to the direction of rotation

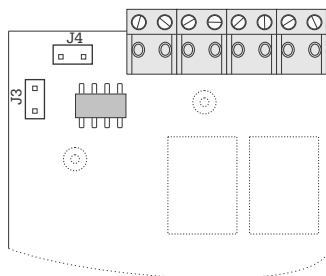


REMOTE CONTROL

- Printed circuit board jumper positions

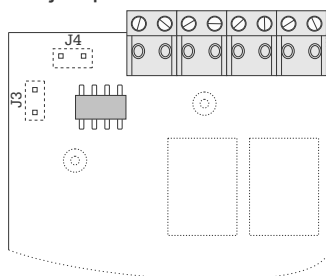
VOLTAGE FREE

Both jumpers fitted on J3 and J4



VOLTAGE FREE

24 V DC OR 24 V AC
No jumpers fitted on J3 or J4



24 V DC

24 V+

0 V

24 V AC

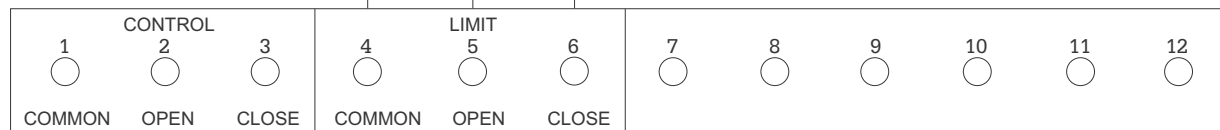
24 V AC common

24 V AC control

- A** Connections are required between the Ridder motor limit switch and the HRS3 terminal block
- B** Connections are required between the Ridder motor terminal block and the HRS3 terminal block
- C** If a remote / automatic controller is to be used, connections to the HRS3 terminal block are required. The jumpers on the circuit board then have to be adjusted for voltage free, 24 V AC or 24 V DC operation, depending on the type of control to be used.
- D** Connections are required between the HRS3 terminal block and a 415 V AC three phase supply.

CAUTION: On initial power-up, ensure drive unit is isolated or disconnected to prevent mechanical damage resulting from incorrect direction of rotation or the limits not being set.

HRS3 CHASSIS TERMINAL BLOCK



If motor runs in wrong direction, reverse wires to 11 and 12

C

D

B

SUPPLY

415 V AC
THREE PHASE
SUPPLY

NB: Neutral is not required

415 V AC
THREE PHASE
TO MOTOR

MOTOR TERMINAL BLOCK

All RW three phase motors

Hortisystems

wire_3ph HRS3.pdf
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