

# Document Title: BBC IQMK3 REMOTE CONTROL CIRCUITRY + FOLOMATIC (24VDC)

THE BLUETOOTH® SETTING TOOL ENABLES ALL CONFIGURABLE ACTUATOR SETTINGS TO BE MADE.

BEFORE PUTTING THE ACTUATOR INTO SERVICE, IT MUST BE INSTALLED AND COMMISSIONED IN ACCORDANCE WITH PUBLICATION PUB002-038 INSTALLATION AND MAINTENANCE INSTRUCTIONS.  
UNLESS SPECIFIED WITH ORDER, THE ACTUATOR IS DESPATCHED WITH DEFAULT SETTINGS AS LISTED IN PUBLICATION PUB002-038.

FOR IQ CONTROL AND MONITORING FACILITIES, REFER TO PUBLICATION PUB002-039.

## REMOTE CONTROL CIRCUITS

REMOTE CONTROLS MAY BE FED FROM AN EXTERNAL SUPPLY LIVE/+VE UP TO 40V DC, WHEN THE ZERO/-VE OF THE SUPPLY SHOULD BE CONNECTED AS FOLLOWS:-

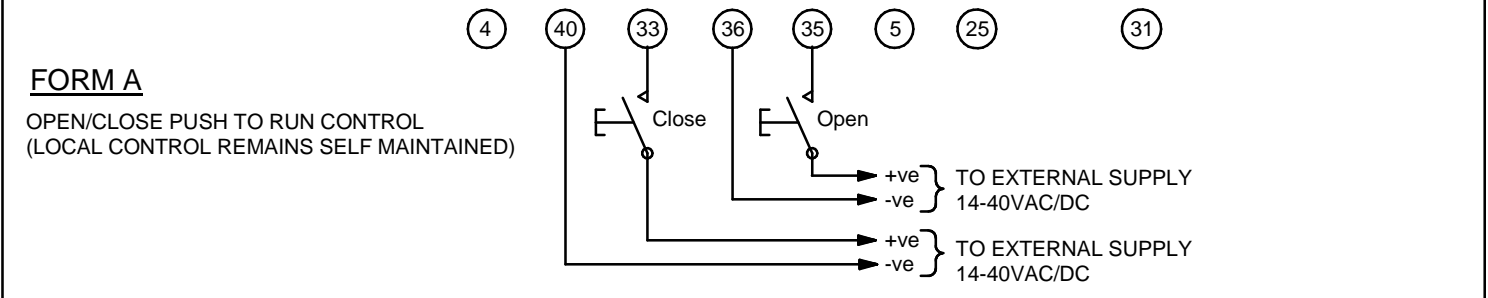
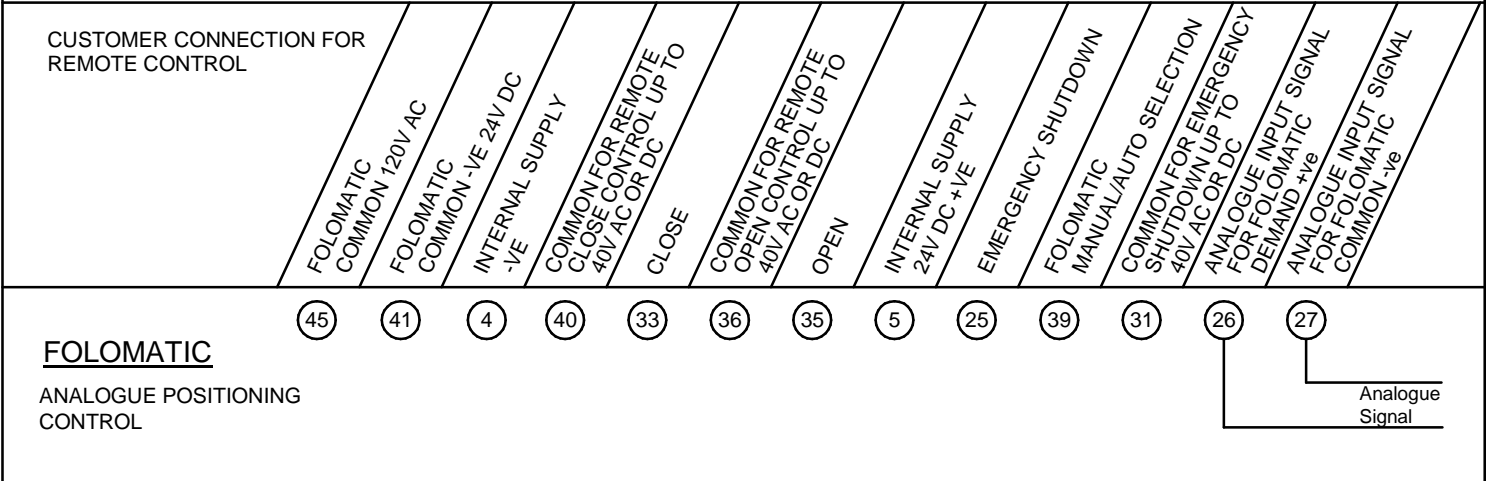
- TO TERMINAL 36 FOR OPEN OPERATION.
- TO TERMINAL 40 FOR CLOSE OPERATION.
- TO TERMINAL 31 FOR ESD OPERATION.
- TO TERMINAL 32 FOR STOP/MAINTAIN & INTERLOCKS.

## EXTERNAL SUPPLY FOLOMATIC:

CONNECT FOLOMATIC MANUAL/AUTO CONTACT TO EXTERNAL SUPPLY LIVE/+VE.

CONNECT SUPPLY ZERO/-VE AS FOLLOWS:-

- TO TERMINAL 41 FOR SUPPLIES UP TO 60VAC or DC
- TO TERMINAL 45 FOR SUPPLIES UP TO 120VAC



## FORM E

EMERGENCY SHUT-DOWN CIRCUIT. THE ESD CIRCUIT CAN BE ADDED TO THE CONTROL CIRCUIT SHOWN ABOVE. AN ESD SIGNAL APPLIED TO THE ACTUATOR WILL OVERRIDE ANY EXISTING OPEN OR CLOSE CONTROL SIGNAL. THE DEFAULT ESD CONFIGURATION IS "STAY PUT", DERIVED FROM A N/O CONTACT (SIGNAL APPLIED). FOR OTHER CONFIGURABLE ESD SETTING OPTIONS, REFER TO PUBLICATION PUB002-038 INSTALLATION AND MAINTENANCE INSTRUCTIONS.

