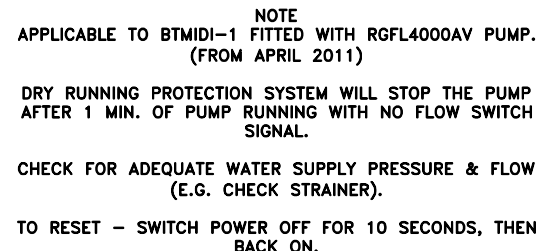


SUPPLY VOLTAGE – 230 V
SUPPLY FUSE – 5 A ANTI SURGE / 6 A MCB
POWER – 350 W



WIRING DIAGRAM - BTMIDI-1

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AM125G 12/08/13

OPERATION
CISTERN FILLING IS VIA FLOAT VALVE.

THE PUMP IS CONTROLLED BY A PRESSURE SWITCH & FLOW SWITCH. ONCE THE PRESSURE VESSEL IS RECHARGED, THE PRESSURE SWITCH OPENS AND THE FLOW SWITCH CONTINUES POWERING THE PUMP UNTIL FLOW CEASES. THE PUMP CIRCUIT BOARD PROVIDES FURTHER DRY RUNNING/SEIZED PUMP PROTECTION BY MONITORING THE FLOW SWITCH. IF THE FLOW SWITCH FAILS TO CLOSE AFTER 1 MINUTE OF POWERING THE PUMP, POWER IS CUT FOR 5 MINUTES. IF AFTER TWO MORE 1 ON/5 OFF MINUTE CYCLES NO FLOW IS DETECTED, POWER TO THE PUMP IS SUSPENDED INDEFINITELY. ONCE PROBLEM RECTIFIED, SWITCHING MAINS POWER OFF FOR 10 SECONDS MIN & THEN BACK ON RESETS THE PUMP SYSTEM.

GO TO arrowvalves.co.uk FOR FAULT FINDING CHART.

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TITLE:

BTMIDI-1 WIRING DIAGRAM

DRN: RM

CHECKED BY:

DATE: _____

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MATERIAL:	CARD 160 g/sqm
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FINISH:	LAMINATED
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SCALE: 100%

DRG No: AM125G DATE: 12/08/13