

Fan Proving Control

Specifications:-

Rated Voltage: 230V 50Hz

Temperature 60°C

Current Rating

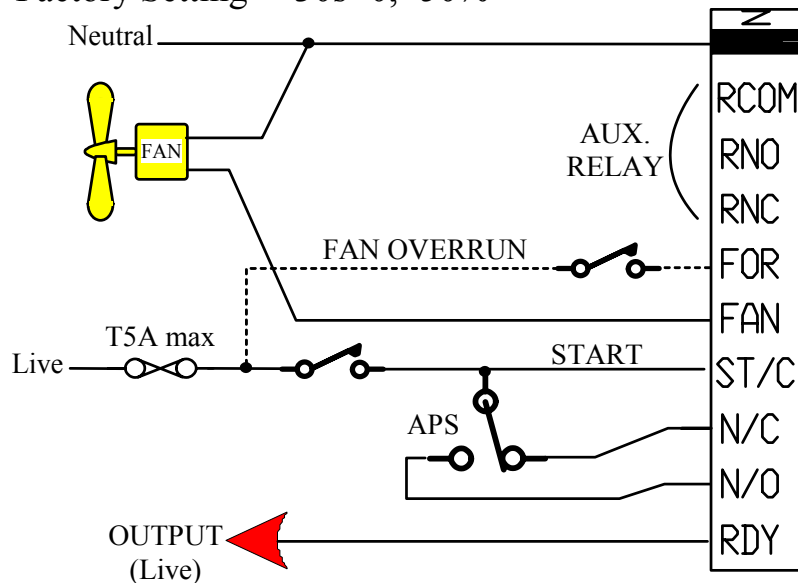
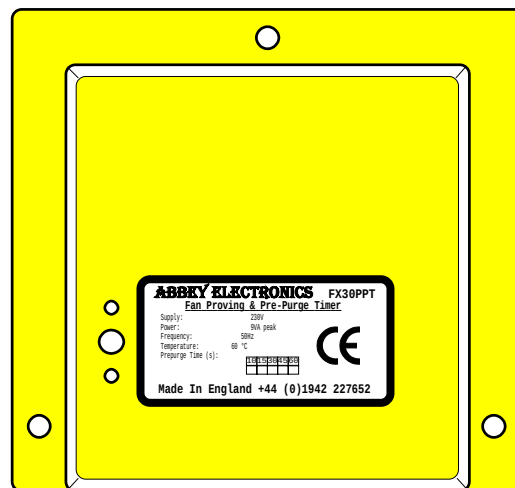
Total (Fan + RDY) 5A max

Fan: 5A max

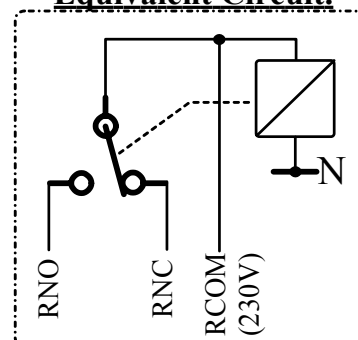
RDY: 5A max

Prepurge Time:- Adjustable

Factory Setting 30s -0,+50%



Auxiliary Relay Equivalent Circuit.



Wire the board as shown above ensuring that the correct terminals of the Air Pressure Switch are used as indicated. (The Fan Overrun switch powers the fan independently of all other control functions. It may be a thermostat or timer, for example.)

The **RDY** terminal is live after the prepurge period provided the pressure switch works correctly. Both the **FAN** and **RDY** outputs can be used to drive contactors or external relays for higher current handling.

Suitable external fuse no greater than T5A should be used to protect the board as shown above.

The Auxiliary Relay is not required for normal functioning but may be used for external safety interlocks such as door switch, thermal trip, and the like. It can be used, in particular as a "Latching Relay" to ensure that only a manual start is possible.

DRG	NO	FX30PTF	ISS	-	X	1	ALL RESISTORS 0.25W 5%
TITLE	-	PREPURGE TIMER WITH FAN O/R			P		ALL ZENERS 0.5W
DATE	-	13/10/97					ALL DIMENSIONS IN mm
	X	13/11/97					DIM'S TO 1DP= ±0.1 mm
	P		MATL	NOT APPLICABLE			DIM'S TO 2DP= ±0.02 mm
DESIGNER	M. Elliott		DRAWN	M. Elliott			ANGLES TO ±0.5°
CHECKED	-		SCALE	NOT SCALED			SCALE = 100%
APPROVED	-						UNLESS STATED OTHERWISE

