DorWatcher

Overview
The DorWatcher is an alarm unit used to prevent doors being left open for an extended period of time.

Ideal to help reduce costly false alarm call outs to the Fire Service caused by smoke from cooking drifting out of kitchens in halls of residence and triggering fire alarm systems. Ensuring external doors to buildings are not left open can also help reduce problems caused by vandals entering communal areas of buildings such as flats or private members clubs.

Normal Operation
When the protected door is opened the units LED will flash every few seconds and time delay TD1 will elapse before a short warning chime is given by the unit. An additional time delay TD2 then elapses. If the door hasn't been closed after times TD1 and TD2 have elapsed, the unit will give a full alarm tone. If the door is closed before the full alarm tone is heard, the unit will reset and the next time the door is opened the timers will start again.
Once in full alarm, the tone will continue for 2 minutes after which time the alarm tone will cease and a chime will be heard every 30 seconds to alert people in the vicinity that the door is still open. To clear the alarm, close the door.

Td1 and TD2 times are adjustable as follows:

TD1 (Seconds)	TD2 (Seconds)	Total Time to Alarm	Jumper Settings		
			Delay	Chime	
20	10	30 Seconds	Off	Off	
40	**20**	**1 Minute**	**On**	**Off**	**Factory Default**
160	20	3 Minutes	Off	On	
400	20	7 Minutes	On	On	

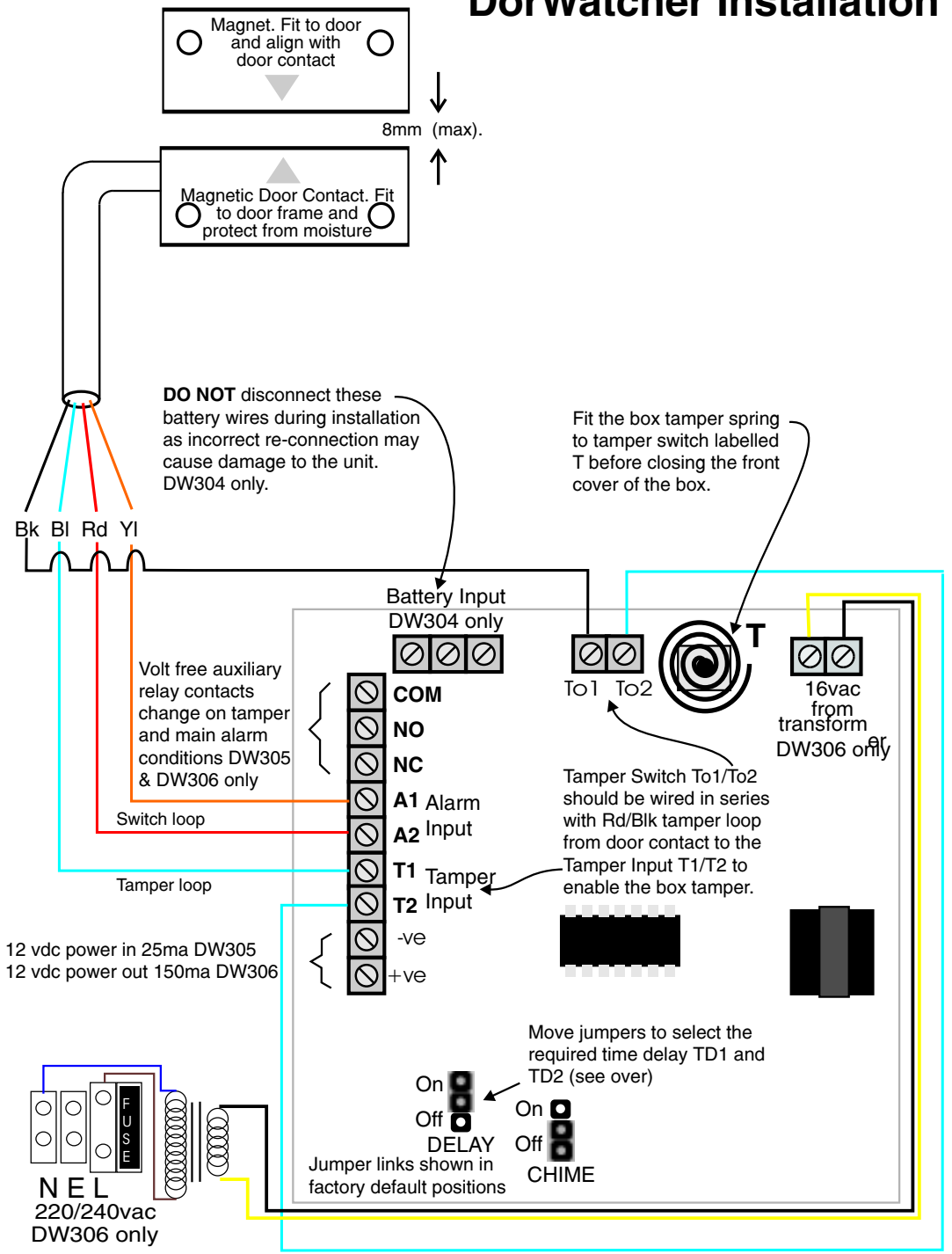
DorWatcher Inspection
We recommend that DorWatchers installed in locations prone to tampering/vandalism are fitted with an anti-tamper screw (available separately) and inspected for signs of tampering on a regular basis.
A simple visual check of the DorWatcher can be made:
Open the protected door, if the LED on the front panel flashes within 10 seconds then the system is working correctly, if the LED does not flash and the alarm does not activate after the preset time, contact your installation company for advice.

Battery fault indication
The battery powered DorWatcher model DW304 has a built in Battery fault monitor. If the unit bleeps as soon as the door is opened, this indicates that the batteries are running low and should be changed for new batteries (6 x AA).

Models available
DW304 - battery powered, DW305 - 12vdc powered, DW306 - 240vac mains powered

Hoyles Electronic Developments Ltd
T. 01744 886600 F. 01744 886607 E. sales@hoyles.com W. www.hoyles.com

DorWatcher Installation



Dwg No 60105 Oct13